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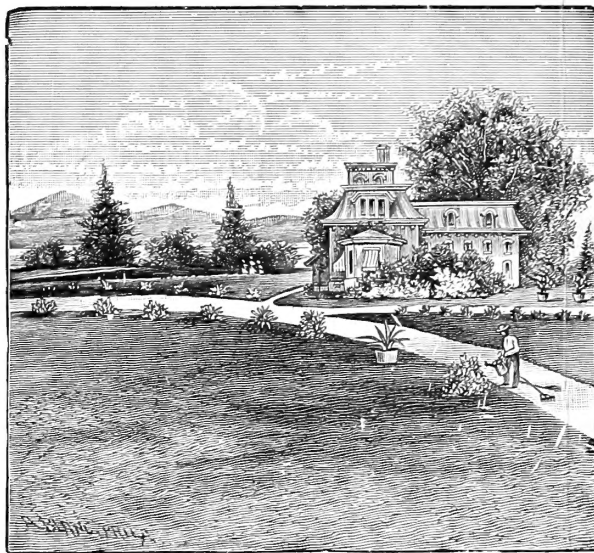
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S. COPELAND  
W. L. B. V.  
Agriculture,  
D. C.

# The ARNOLD SEED CO.



1903

505  
WALNUT ST.  
KANSAS CITY, MO.



### LAWN GRASS.

To produce a good lawn, plow or dig up the surface thoroughly to a depth of 12 or 14 inches and mix the soil with well rotted manure or bone dust, the latter being all times preferable, as it is more durable in its effects and free from weed seeds, which are always contained in more or less quantities in stable manure. The seed can either be sown as early in the spring as the ground can be worked or late in the fall. When the young grass is about five or six inches high, it should be mown, and a continual cutting at regular intervals will be found very beneficial.

—The seed we offer is as pure and reliable as can be found anywhere, and our special mixture is composed of those grasses which form an enduring, velvety turf, mixed in such proportions to enable it to withstand the summer drouth. Per lb. 20c; postpaid 30c

### FERTILIZERS.

**Lawn Fertilizer.** Lawn grass is a voracious feeder and will not thrive and hold its beautiful deep, green color and velvety appearance unless it receives a sufficient supply of suitable food. The first application should be made early in Spring, or even in the Winter, and again in June or July; do this before a shower if possible.

Use 25 lbs. to 1,000 square feet of surface—25 lb. pkg., \$1.00; 100 lb sack, \$2.50.

**Land Plaster.** 5 lbs., 15 cts; 100 lbs., \$1.50.

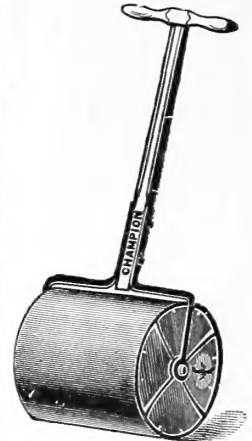
## BOOKS FOR FARM AND GARDEN.

(Prices Quoted Include Postage.)

Asparagus Culture, by James Barnes; the best methods employed in England and France.....	\$ .60
Bulbs and Tuberous-Rooted Plants, by C. S. Allen; a complete history description and methods for the successful culture of bulbs in the garden and house.....	1.60
Celery For Profit, by T. Greiner; the latest improved methods.....	.35
Flower Garden, The Beautiful, by F. S. Matthews; with notes on practical flower culture.....	.50
Gardening For Pleasure, by Pet Henderson; a guide to the amateur in the fruit, vegetable and flower garden.....	1.60
House Plants and How to Succeed With Them, by Lizzie Page Hillhouse; treatment of plants which can be grown successfully in living rooms.....	1.10
Landscape Gardening, by F. A. Waugh; cloth, illustrated.....	.60
Manures, by F. W. Sempers; how to make and how to use them.....	.45
Mushroom Culture, by W. Robinson; cloth, illustrated.....	.50
Nursery Book, by S. H. Bailey; a complete guide to the multiplication of plants.....	1.00
Onion Culture, the new; by T. Greiner.....	.50
Pruning Book, by S. H. Bailey; specific advice on the pruning of the various kinds of fruit and ornamental trees, shrubs and hedges.....	1.60
Small Fruit Culturists, by Andrew S. Fuller; covers the whole ground of propagating small fruits, their culture, varieties, etc.; illustrated.....	1.00
Spraying Crops, by C. M. Weed; Why, when and how.....	.30
Tomato Culture, by J. W. Day; 135 pages, illustrated.....	.40
Window Flower Garden, by J. J. Heinrich; the author is a practical florist, giving his personal experience in window gardening.....	.65
Your Plants, by James Sheehan; practical directions for the treatment of tender and hardy plants in the house and garden.....	.50

## Champion Steel Garden Roller.

THE CHAMPION STEEL GARDEN ROLLER will commend itself to all users of garden tools as the handiest, strongest and most durable roller made. The cylinder is of wrought steel, with a smooth face, admitting of smooth, light running. The handle is of oak, well ironed and so adjusted as to work both ways, making it unnecessary to turn the roller at the end of path.



This roller will find favor with all users of garden tools as its first cost is its only cost, it being so constructed as to be practically unbreakable.

10 in. diameter, 15 in. long, weight about 130 lbs., \$13.00. 12 in. diameter, 18 in. long, weight about 200 lbs., \$14.00.

**Fertilizers.** Bone and Blood—For cabbage, cauliflower, corn and other crops of big surface growth; not desirable for root crops; 5 lbs., 25c; 10 lbs., 40c; 100 lbs., \$.2.

**Fine Ground Beef Bone.** For meadows, grass land and lawns, on light loamy or sandy soils, and fall wheat. 5 lbs., 25c; 10 lbs., 40c; 100 lbs., \$2.00.

### ARMOUR'S FLOWER FOOD.

An excellent food for flowers and house plants, insuring a steady growth, healthy foliage and early bloom. Contains a larger percentage of Plant Food Elements than any other flower food. Guaranteed to derive all of its Phosphoric Acid from Animal Bone, and not to contain phosphate rock or acid phosphate in any quality. ½ lb. pkg., 15c; lb. pkg., 25c; not prepaid.



# Tested Vegetable Seeds

## Discounts.

### 1.—ON SEEDS IN PACKETS AND OUNCES.

Purchasers may make selections of seeds in Packets and Ounces at the following discounts:  
 When sending \$1.00, to the value of \$1.25.  
 When sending \$2.00 to the value of \$2.50.  
 When sending \$3.00 to the value of \$3.75.  
 When sending \$4.00 to the value of \$5.00.  
 When sending \$5.00 to the value of \$6.25.

These discounts do not apply to seeds sold in larger quantities than one ounce, nor on col-

lections, bulbs, plants or tools. For all of these the published price must be sent.

### 2.—ON SEEDS IN BULK.

From catalogue prices by the  $\frac{1}{4}$  pound, pound, peck or bushel (except on grass, clover and other field seeds) when cash is sent with order, purchaser may deduct 5 per cent on an order from \$3.00 to \$5.00, and 10 per cent on an order from \$6.00 to \$10.00.

OUR PRICES INCLUDE POSTAGE on packets, ounces, quarter pounds, pounds, pints and quarts, except where noted. If the purchaser will pay freight or express charges, 10 cents per pound, 15 cents per quart and 10 cents per pint may be deducted from the prepaid prices herein offered.

Special Prices on Application on Seeds in Large Quantities.

IN REMITTING SEND MONEY by Express, Kansas City Draft, Registered Letter or P. O. Money Order; we also take postage stamps to any amount. Do not ask us to send goods C. O. D. It is more expensive to both parties and we would be obliged to refuse.

## Artichoke

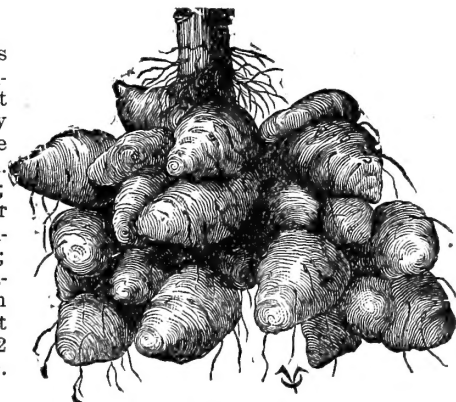
### LARGE GREEN GLOBE.

Large globular heads. Pkt., 5c; oz. 30c;  $\frac{1}{4}$  lb. 85c.

### JERUSALEM ARTICHOKE.

This variety is cultivated for its tubers, which are especially valuable for stock-feeding on account of their fattening properties; they are well adapted to any soil where corn and potatoes can be grown. They are the best hog food known; a preventive of cholera and other hog diseases. Three bushels of tubers are sufficient to seed one acre; cut to one eye, the same as potatoes, planting in April or May, in rows three feet apart and two feet in the rows, and cover about 2 inches deep. Pk., 30c; bu., \$1.00.

**CULTURE**—Sow early in the spring at intervals of four inches, in drills one foot apart, transplanting the following Spring to permanent bed in drills three feet apart each way.



Jerusalem Artichoke.

## Asparagus

**CULTURE**—The permanent beds should be prepared by deep plowing or spading and thoroughly enriching the ground with stable manure or other fertilizers. Set out in beds five feet wide, three rows in a bed, the outer being each one foot from the edge, and 12 inches in the row; set the plants with roots well spread, about six inches below the surface. After the plants are well started give frequent and thorough cultivation. In autumn, after the tops are fully ripe and yellow, they should be cut and burned and a good dressing of manure be applied, and in the spring forked in, after which one quart of salt to each square rod put on the ground will be found very beneficial. The next season the bed may be cut over two or three times, but if this is done all the roots, no matter how small, should be cut, and after the final cutting, give a good dressing of manure and frequent cultivation. For market on a large scale, set four feet apart one way, and one and one-half the other. To grow plants from seed, sow in drills 1 inch deep in rows one foot apart; soak the seed before planting should produce enough plants to set one acre.

**CONOVER'S COLOSSAL.** A productive and popular sort, and probably as good as any. Pk., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**PALMETTO.** Earlier than the Colossal. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**COLUMBIAN MAMMOTH WHITE.** A new variety with white shoots stays white without earthing up or blanching. Pkt., 5c.; oz., 10c;  $\frac{1}{4}$  lb. 20c; lb., 75c.

**ASPARAGUS ROOTS.** One year old, 100, 60c; 1,000, \$4.50. Two years old, 100, 75c; 1,000, \$5.50; not prepaid.

## Broccoli

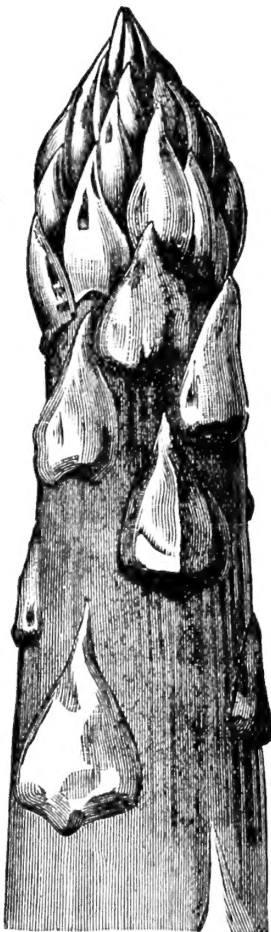
**LARGE WHITE.** Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c.

**CULTURE**—Requires in all respects same treatment as cauliflower, which it resembles.

**CULTURE**—Sow the seed in May in the same manner as Cauliflower; transplant in July in rows three feet apart, plant one foot apart in rows.

**PARIS MARKET.** Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 35c.

## Brussels Sprouts



Conover's Colossal.

## Beans. <sup>Bush or Snap.</sup>

Owing to the continued wet weather the bean crop has been almost a failure.

**Culture.**—The soil best adapted to them is a light, rich well drained loam, which has been manured for a previous crop; do not plant before the ground has become dry and warm; drop the seed in drills from two to three feet apart, leaving two to four plants to the foot of row; cultivate them frequently up to the time of blossoming, but never disturb them when the ground or plants are wet with rain or dew; remember that beans should be cultivated very shallow as any cutting of the roots after the plants come into bloom is liable to cause the blossoms to blast. 1 pt. to 100 ft. of row; 1 bu. per acre.

### Wax Podded Varieties.

**DWARF GOLDEN WAX.** Old standard variety; seeds nearly round, purple and white; pods nearly



*Improved Prolific Black Wax.*

straight, broad flat, golden yellow, very fleshy and wax-like, with short green point, cooking quickly as snaps, and shelling when green. Pkt., 10c; pt., 30c; qt., 45c; postpaid; pk., \$2.00, not postpaid.

**IMPROVED PROLIFIC BLACK WAX.** Beans, small jet black; pods medium length, curved, cylindrical, fleshy, and of a clear waxy yellow color with long slightly curved point. This bean is more extensively used by the market gardeners than any other variety of the wax bean. Pkt., 10c; pt., 30c; qt., 45c; prepaid. Pk., \$2.00, not prepaid.

**WARDWELL'S KIDNEY WAX.** Ripens about as early as the Golden Wax; vines large and strong; handsome golden-yellow, long flat pods which are almost entirely free from rust and spots. Pkt., 10c; pt., 20c; qt., 45c; prepaid. Pk., \$2.00, not prepaid.

**CRYSTAL WHITE WAX.** Not strictly a wax bean; pods greenish-white, short curved, round or thicker and brittle. Pkt., 10c; pt., 30c; qt., 45c; prepaid. Pk., \$2.00, not prepaid.

### Jones' Stringless Wax

A white seeded variety with round, stringless pods of unsurpassed beauty and quality.

This grand stringless bean is **Absolutely Rust-proof**, on all soils and in the most unfavorable season; it is nearly a week earlier than any strain of black wax. The pods are long, perfectly round, and exceptionally solid, of a delicate light color, perfectly stringless, showing no coarseness even when past their prime; retains its brittleness and fine table qualities when nearly matured. In summing up its good qualities the originator claims that more bushels per acre of green pods can be picked from an acre than from any other wax bean known. Pkt., 10c; pt., 30c; qt., 45c; postpaid. Pk., \$2.00, not prepaid. (Crop very short.)

**DAVID KIDNEY WAX.** This plant is a vigorous grower, carrying the pods well up from the ground. In productiveness it is astonishing, as it will produce at least one-third more bushels of pods to the acre than any other Wax Bean. The pods are long, straight, oval, of clear waxy-white color and handsome, often growing to a length of seven to eight inches, and, when fit for use, are quite stringless and of fine flavor. Pkt., 10c; pt., 30c; qt., 45c; prepaid. Pk., \$2.00, not prepaid.

### Green Pod Varieties.

**EXTRA EARLY RED VALENTINE.** For snaps there is nothing superior to this variety among the older green podded sorts. The plants are of dwarf, compact bush growth, fifteen to eighteen inches high, very prolific; they are hardy and early in maturing. Pods medium length, curved cylindrical, with crease in back, very fleshy, crisp and tender even when full grown. Pkt., 10c; pt., 25c; qt., 45c; postpaid. Pk., \$1.50, not prepaid.



*Ex. Ey. Round Red Valentine.*

**STRINGLESS GREEN POD.** Earliest Green Podded Bush Bean. For either the market or home garden, no other green podded bean can be more highly recommended. It is very early. The pods are a rich green, very round and straight five inches long, deeply creased along the back caused by the rounded swell of the fleshy sides. The pods are tender, bright, and of the finest flavor, always entirely stringless, even when fully matured. Pkt., 10c; pt., 25c; qt., 45c; postpaid. Pk., \$1.75, not prepaid.

**GIANT STRINGLESS GREEN POD VALENTINE.** The Improved Valentine has for a long time been a very popular bean among market gardeners as well as those growing for their own table. In this new variety we have all the good points of the parent with some marked improvements. The pods, produced abundantly, although of a lighter green, are considerably larger, are round, full, fleshy and brittle, being entirely stringless when the beans are full grown. Pkt., 10c; pt., 25c; qt., 45c; postpaid. Pk., \$1.75, not prepaid.

Prepaid. Not Prepaid.

Standard Sorts.	Pkt.	Pt.	Qt.	1/4 Bu.
Ey. Mohawk. ....	10c	25c	40c	\$1.25
Yellow Six Weeks. ....	10c	25c	40c	1.25
Ex. Ey. Refugee. ....	10c	25c	40c	1.35
Best of All. ....	10c	25c	40c	1.35
Dwarf Kidney. ....	10c	25c	35c	1.15
Horticultural. ....	10c	25c	40c	1.15
White Navy. ....	10c	20c	30c	.75

*Burpee's Bush Lima.*

### **Pole or Running Beans.**

**LAZY WIFE.** The pods are produced in great abundance and measure from 6 to 8 inches in length; they are broad, thick, very fleshy and entirely stringless. The pods retain their rich, tender and stringless qualities until nearly ripe, and are unsurpassed in all stages. Each pod contains from 6 to 8 round, white beans, which make excellent winter shell beans. Pkt., 10c; pt., 30c; qt., 45c; postpaid. Pk., not postpaid, \$2.25.

**DUTCH CASE KNIFE.** One of the earliest pole beans; pods long and flat; beans white, of excellent quality green or dry. Pkt., 10c; pt., 25c; qt., 40c; postpaid. Pk., \$1.75, not prepaid.

**WHITE CREASEBACK.** Large long pods growing in clusters of from six to twelve of a silvery green, of the best quality as snaps, and stand shipping better than most sorts. A good corn-hill bean. Pkt., 10c; pt., 25c; qt., 40c; postpaid. Pk., \$1.50, not postpaid.

**EARLY GOLDEN CLUSTER WAX.** A very desirable sort. Pods six to eight inches long borne in abundant clusters, each containing from three to six pods. Pkt., 10c; pt., 30c; qt., 45c; postpaid. Pk. not prepaid, \$1.75.

**SPECKLED CUT SHORT OR CORN HILL.** Will grow when planted among corn, without poles; good cropper and very popular. Pkt., 10c; pt., 25c; qt., 45c; postpaid. Pk., \$1.75, not postpaid.

**KENTUCKY WONDER, OR OLD HOMESTEAD.** A very prolific sort, producing its long pods in large clusters. The pods, when young, are nearly round, of best flavor and are most excellent for snaps. This is one of the best and most profitable beans for the market gardener, the pods being so showy and produced in great abundance. Pkt., 10c; pt., 25c; qt., 40c; postpaid. Pk. not postpaid, \$1.75.

**HORTICULTURAL POLE.** The mammoth pods are striped, and splashed with exceedingly brilliant crimson. Pkt., 10c; pt., 25c; qt., 40c; postpaid.

**KING OF THE GARDEN LIMA.** Pods very large and frequently contain from five to six large beans. Similar to the Large White Lima, but matures much earlier. Pkt., 10c; pt., 25c; qt., 45c; postpaid. Pk., \$1.75 not postpaid.

### **BURPEE'S BUSH LIMA.**

The bushes grow from 18 to 20 inches high, of stout growth and always erect (yet branching so vigorously that each plant develops into a magnificent circular bush from 2 to 3 feet in diameter.) It is an immense yielder, each bush bearing from 50 to 200 of the large handsome pods, well filled with very large beans which are identical in size and luscious flavor to the well known large Pole Limas. Per pkt., 10c; pt., 25c; qt., 45c; postpaid Pk., \$1.75, not prepaid.

### **HENDERSON'S BUSH LIMA.**

Grows without poles in compact bush form, about 18 inches high. Very productive; two weeks earlier than any of the Pole Limas. Per pkt., 10c; pt., 25c; qt., 40c; postpaid. Pk., \$1.60, not prepaid.





## BEETS.

WE PAY THE  
POSTAGE,

**CULTURE**—Cultivation has more effect in the quality of this than of most any other vegetable. To be sweet and tender it must be grown quickly, a result that can only be obtained by having the soil worked deep, made light and rich by the application of well rotted manure. Sow in drills 18 inches apart and one inch deep; thin to 4 inches apart. For winter use the turnip varieties may be sown in June. 1 oz. to 100 ft. of drill; 4 lbs per acre.

**EGYPTIAN.** The finest early market sort and best variety for forcing. Roots very dark red, tender and sweet, in form like the Flat Dutch Turnip, rounded on top. The seed we offer is a special selection of the darkest and most perfect roots with small tops, and is undoubtedly the finest that has ever been put on our market, as any and all gardeners can tell who procured their seed from us. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; postpaid.

**ECLIPSE.** Another very fine early variety with globe-shaped roots; flesh dark-blood, zoned with a lighter red, very sweet, crisp and tender, especially when young. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 75c; postpaid.

**DEWING'S EARLY BLOOD TURNIP.** Deep blood red turnip shape. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; postpaid.

**IMPROVED EARLY BLOOD TURNIP.** This is an improved strain of the old Blood Turnip Beet, having smooth round shoots of medium size, with dark-red flesh, fine grain, very sweet, excellent for summer and autumn use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; postpaid.

**EDMAND'S EARLY BLOOD TURNIP.** A selected strain of blood turnip beet; a deep blood red in color with small tops; handsome appearance, favorite with market gardeners as a late sort. Pkt., 5c; qt., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; postpaid.

**LONG SMOOTH DARK RED.** An excellent late variety, flesh dark red, zoned with lighter shades, remaining tender and sweet until spring. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; postpaid.

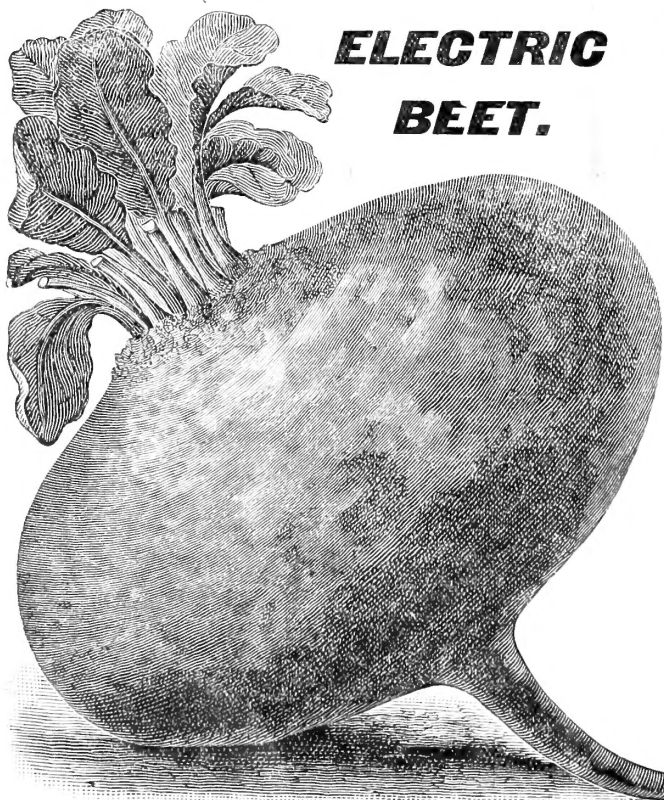


*Eclipse Beet.*



*Edmand's Early Turnip Beet.*

## ELECTRIC BEET.

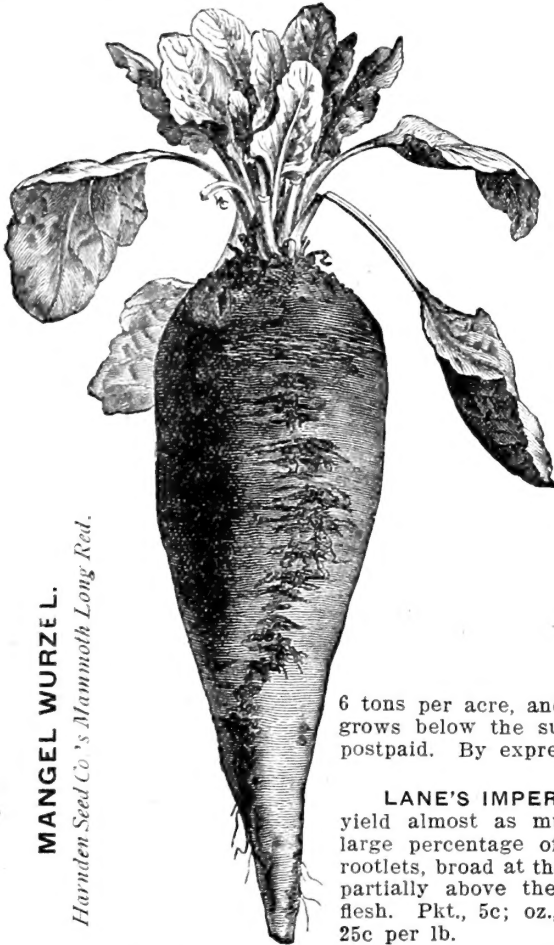


Round, Smooth Skin,  
Deep Blood-red Flesh,  
Rich and Tender,  
Early as Egyptian,  
Small Top,  
Fine Keeper. . . .

Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 80c;  
postpaid.

**DETROIT DARK RED TURNIP.**

A grand Beet for bunching for market; tops exceptionally small and uniformly upright; roots are perfect turnip shape with small tap roots. The principal fault with most turnip beets is the occasional appearance of white rings, but by careful selection this has been overcome, and this will be found to be one of the deepest red beets. Quality is of the very best, sweet and tender. Gardeners can safely plant it largely. 1 lb., 60c; ¼ lb., 20c; oz., 10c; pkt., 5c; postpaid.

**MANGEL WURZEL.**

*Harnden Seed Co.'s Mammoth Long Red.*

## **Mangel Wurzels** **for Stock.**

**The Most Nutritious  
and Fattening, and best  
Winter Food for stock.**

**CULTURE**—Sow the seed during April and not later than the last of May. Plant one inch deep in drills from 2 to 2½ feet apart, dropping from 6 to 10 seeds to the foot, which will require from 6 to 10 lbs. to the acre. When the plants are three inches high thin out with the hoe to 10 to 12 inches. Cultivate well and often but discontinue as soon as the roots have commenced to form. The roots should be harvested and stored in pits or cellar when ripe, for if left they may start into fresh growth.

**HARDEN SEED CO.'S MAMMOTH LONG RED.** The roots are very large, uniformly straight and heavy cropper, frequently producing forty tons to the acre. It is the best long red mangel and of the greatest value for stock feeding. Pkt., 5c; oz., 10c; ¼ lb., 15c; 1 lb., 35c; postpaid. By express, 25c per lb.

**CHAMPION YELLOW OR ORANGE GLOBE.** Much esteemed for its smooth globe shaped roots, which grow to a large size; flesh white; an excellent keeper. Pkt., 5c; oz., 10c; ¼ lb., 35c; postpaid; by express, 25c per lb.

**GOLDEN TANKARD.** One of the finest mangels in cultivation; used extensively in England for dairy farming; of almost cylindrical shape. Color deep yellow. Pkt., 5c; oz., 10c; ¼ lb., 15c; 1 lb., 35c; postpaid; by express, 25c per lb.

## **Sugar Beets.**

**VILMORIN'S IMPROVED SUGAR.** An improved French sort, containing the largest per cent of sugar of any known variety, and therefore the most desirable beet for the sugar factory. In size it is medium, yielding from 10 to 6 tons per acre, and containing from 16 to 18 per cent of sugar. It grows below the surface. Pkt., 5c; oz., 10c; ¼ lb., 15c; 1 lb., 35c; postpaid. By express, 25c per lb.

**LANE'S IMPERIAL SUGAR.** This beet grows to a large size, will yield almost as much in bulk as the best mangel, and contains a large percentage of sugar. The roots are smooth, free from small rootlets, broad at the shoulder, and gradually taper to the base, partially above the ground. Smooth, whitish-green skin, snow-white flesh. Pkt., 5c; oz., 10c; ¼ lb., 15c; 1 lb., 35c; postpaid; by express, 25c per lb.

## **SWISS CHARD BEET OR SUMMER SPINACH.**

A distinct vegetable and much superior to the common beet for greens and equal to spinach. It must be remembered, however, that the roots are of no value as beets. Sown early in the spring in rows 18 inches apart and the seedlings afterwards thin out to 6 inches in the rows, it is much superior to spinach. 1 lb., 60c; ¼ lb., 20c; oz., 10c.

# ONE OUNCE WILL PRODUCE 3,000 PLANTS.

**CULTURE**—The cabbage, to be well grown, requires a deep, rich, loamy soil. For early use, sow the seed in hot-beds in February or March, or it may be sown about the middle of September, and the plants wintered over in cold frames. Transplant in spring, as soon as the ground can be worked, in rows two feet apart, and the plants eighteen inches apart in the rows. For late or winter use, the seed should be sown in May, and the plants set out in July, two and a half by three feet.

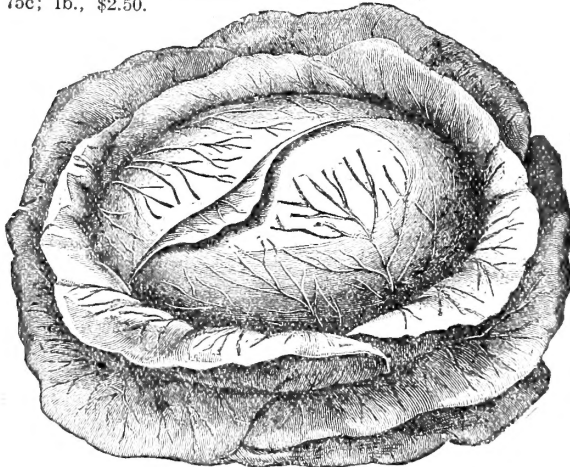
**EARLY SPRING.** Nearly as early as the Wakefield and more productive. This famous Extra Early French Cabbage (Early Paris Market) is the type of the Early All Head, resembling it in habit of growth, but it is smaller and nearly as early as the Wakefield. It is round in shape slightly flattened and very solid. On account of its shape, productiveness and solidity, and following the Wakefield so closely, growers will find the Early Spring a more profitable variety. Market gardeners cannot do without it. The seed we offer is grown by the originator. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 90c.

## EXTRA EARLY JERSEY WAKEFIELD.

Selected strain. Grown only from selected heads; the favorite variety for both market gardeners and general use; pointed heads, the best early sorts. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

## HEND RSON'S SUCCESSION.

This cabbage is called a late, although but very little later than Henderson's Early Summer; larger size, however and a sure header. Valuable acquisition for second early variety. Pkt., 5c; 1 oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.



*Henderson's Succession.*

## HENDERSON'S EARLY SUMMER.

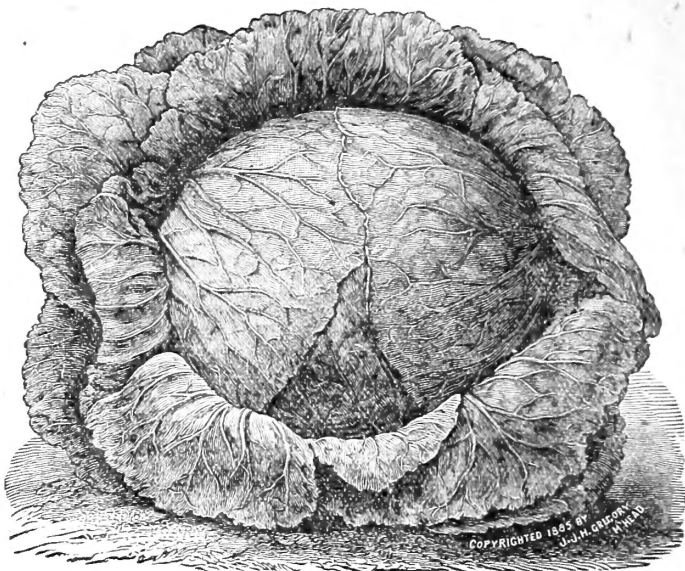
Forms a large, solid, compact head of excellent quality. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.25.

**EARLY FLAT DUTCH.** A standard second early variety; heads round flattened and of excellent quality. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

**ALL SEASONS.** Solid, compact; nearly or quite as early and larger than Henderson's Summer. Has given surprising satisfaction. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.25.

**LOUISVILLE DRUMHEAD.** Large late variety; well adapted to growing in Southern latitudes, and a great favorite among market gardeners. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.00.

# CABBAGE.



*Early Spring.*

*The Earliest Flat Headed Variety.*

## HARDEN'S LARGE HEADING WAKEFIELD.

Similar in every respect to the Jersey Wakefield, except that it is very much larger, and not quite so early. Heads not quite as much pointed. This has given the best of satisfaction on our Kansas City market. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 85c; lb., \$2.75. (Remember this variety does not grow uniform in shape.)

**ALL HEAD EARLY.** The best early flat head cabbage. The deep flat heads are remarkably solid and the most uniform in color, shape and size of any variety. The heads grow so compactly and free from spreading leaves that fully one thousand more cabbages can be grown on an acre. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.50.

Our Cabbage is Long Island Grown, where the only Good American Cabbage Seed is Raised.



*Louisville Drumhead.*

**VANDERGAW.** This valuable variety is the result of many years selection by Mr. Vandergaw, a well known Long Island market gardener. One of the best varieties for general crop. If planted early it is ready for use nearly as early as Early Summer, while with late planting it can be used for fall or winter, being of large size and very solid. Pkt., 5c; oz., 20c; ¼ lb., 60c; per lb., \$2.25.

**HARDEN'S PREMIUM LARGE LATE DRUMHEAD.** Round large compact heads; good for fall and winter use. Pkt., 5c; 1 oz., 20c; ¼ lb., 75c; lb., \$2.25.

**HARDEN'S PREMIUM LARGE LATE FLAT DUTCH.** We have taken great pains in the selection of this strain, and have sold it to our market gardeners for a number of seasons, and has given universal satisfaction to every one who has tried it, maturing well in our climate and produces large and compact heads. For general crop this variety cannot be excelled. Pkt., 5c; oz., 20c; ¼ lb., 75c; lb., \$2.25.

**SURE HEAD.** Remarkable for its certainty to head; it produces large round, flattened heads which are very hard. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

**EARLY ULM SAVOY.** Very early and of fine quality. Heads round, beautifully crumpled, solid and of a deep green color. Pkt., 5c; oz., 25c; ¼ lb., 70c.

#### ST. LOUIS LATE MARKET.

An extremely large and solid heading variety, well suited for fall and winter. It forms large, handsome heads which will keep in the best condition for a long time. We recommend this sort for markets that require a very large solid head. Our seed is grown by a very reliable Long Island grower and can be depended upon to be pure. Pkt., 10c; oz., 40c; ¼ lb., \$1.25; lb., \$5.00

## Cabbage.—Cont.



**DARK RED ERFURT.** Earlier than the Red Dutch, a most excellent sort for pickling. Pkt., 5c; oz., 25c; ¼ lb., 70c.

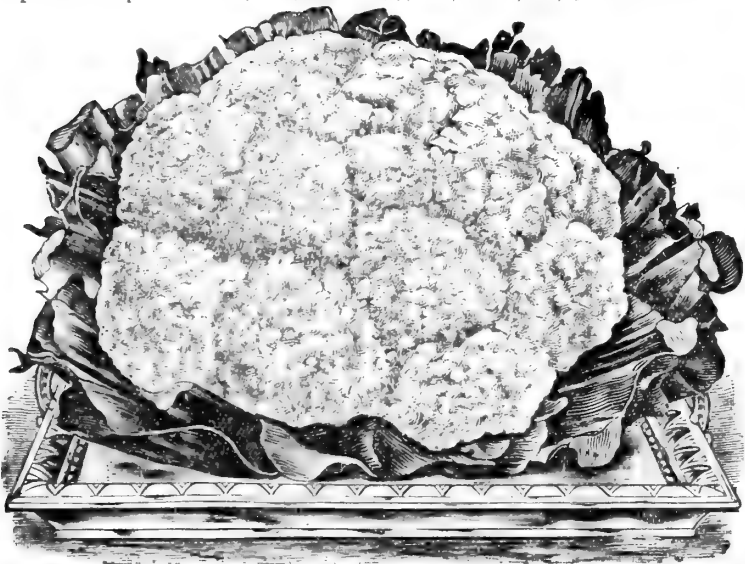
**IMPROVED RED DUTCH.** (Red Drumhead.) Used exclusively for pickling; heads flat and solid; color deep purple. Pkt., 5c; oz., 25c; ¼ lb., 70c.

## CAULIFLOWER.

**CULTURE**—Early sorts are grown in January and February in hot beds, and transplanted once before setting out in the open ground. Avoid planting in land in which cabbage, turnips or any crop of that nature has been grown. When heading, tie the leaves on the top together to protect the crown from exposure to the sun. Water frequently, especially when heading. It should be borne in mind that cauliflower will not head up well in hot, dry weather.

#### EXTRA EY. DWARF ERFURT.

A favorite early market variety; very early compact heads; it has very narrow leaves which grow perfectly upright, thus adapting it for close cultivation or forcing. The seed we offer is imported direct and is the highest priced seed obtainable of the best Erfurt strain, and no matter where you send to or under what fancy name you procure your seed. **NONE IS**



**BETTER**, as untiring tests and comparison made by us for the last eight years have proven. Pkt., 25c; oz., \$3.00.

**EARLY SNOWBALL.** Esteemed by market gardeners for its earliness and heading qualities, producing large, solid, pure white heads; dwarf in habit and as early as any; one of the best sorts for forcing. Pkt., 20c; oz., \$2.75.

**EXTRA EARLY PARIS.** Heads are of uniform size, solid and blanch easily, but are not so large nor of so fine quality as the Erfurt type. Pkt., 10c; ½ oz., 40c; 1 oz., 75c.

**AUTUMN GIANT.** A large late Cauliflower, producing quite compact white heads. Pkt., 5c; oz., 60c.

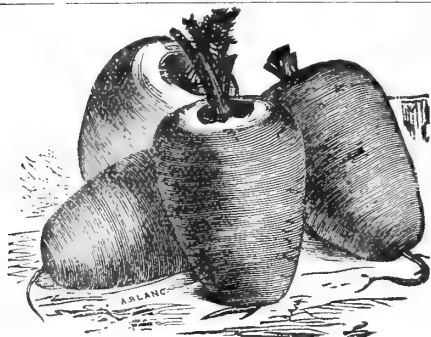
## CHICORY. (Chihori, German; Chichoree, French.)

**CULTURE**—Sow in drills half an inch deep, in rich, mellow soil; the after culture being the same as recommended for carrots.

**LARGE ROOTED.** Roots of fine form, the chicory of commerce, used to adulterate coffee. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.



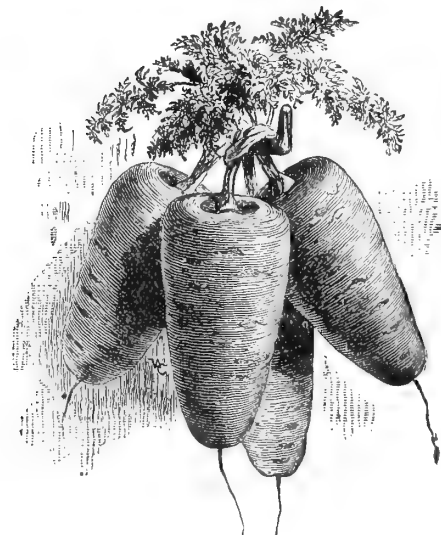
# CARROTS.



*Guerande or Ox Heart.*



*Danvers.*



*Chantenay.*

## GRESS.

**CURLED OR PEPPER GRASS.** This small salad is much used with lettuce, to the flavor of which its warm, pungent taste makes a most agreeable addition. Sow thickly in drills sixteen inches apart. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 75c; postpaid.

**TRUE WATER.** This is quite a distinct variety of cress, and only thrives when its roots and stems are submerged in water. The seed should be sown and lightly covered in gravelly, mucky lands, along the borders of small streams. Pkt., 10c; oz., 35c;  $\frac{1}{4}$  lb., \$1.00.

**CULTURE**—Sow seed thinly in drills of  $\frac{1}{2}$  to one inch deep early in the spring, making several sowings to afford a succession. For garden culture, sow in rows of 16 to 18 inches apart, and for field culture 18 to 24 inches. When well started, thin out the early sorts to 8 to 10 to the foot, and late varieties from 4 to 6 inches apart in a row. A sandy loam, made rich by manuring the previous year, is the best soil. Avoid sowing on a newly manured ground which has a tendency to produce forked roots. One ounce of seed to 100 feet of drill; 3 to 4 lbs. to the acre.



*Early Carentan*

**GUERANDE OR OX-HEART.** (Stump rooted.) Comparatively short roots, but often reaching a diameter of several inches. Flesh bright orange, fine grain and sweet. This is a desirable variety for ground that is so hard and stiff that longer growing sorts would not thrive on it. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., 90c; postpaid.

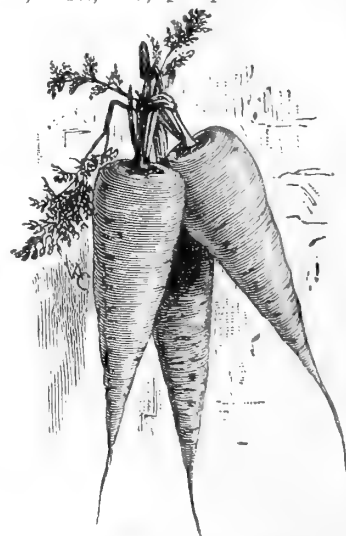
**EARLY HALF-LONG CARENTAN.** (The best bunching carrot.) A new deep scarlet variety, without core. It is excellent for forcing; of fine quality and perfect shape; tops very small, roots cylindrical, with a remarkably small neck. Undoubtedly the finest and sweetest carrot listed. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., 90c; postpaid.

**DANVERS.** Grown largely everywhere on account of its great productiveness and adaptability to all classes of soils; flesh sweet, crisp, tender and of a bright orange color. Valuable both for table use and for stock feeding. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 80c; postpaid.

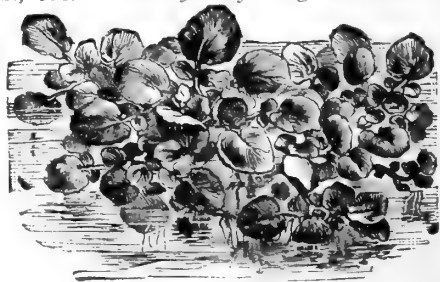
**CHANTENAY.** A stump-rooted variety, somewhat resembling the well known Nantes carrot, but having a larger shoulder, and being more productive; flesh deep orange color, solid, tender and of excellent flavor. A variety of which the market gardeners should plant for their main crop; a heavy cropper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 85c; postpaid.

**EARLY HALF-LONG SCARLET.** Excellent for early market. Of medium size; flesh bright scarlet, brittle, and of fine flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 85c; postpaid.

**IMPROVED LONG ORANGE.** The most popular of the older sorts for farm use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c.



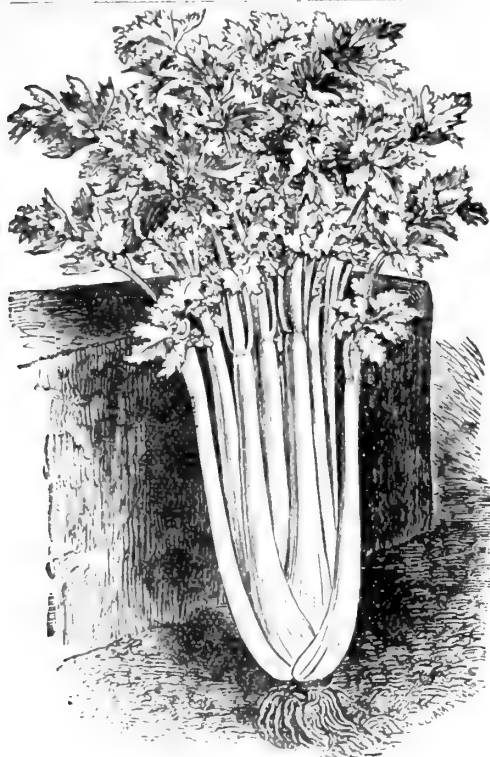
*Early Half-Long Scarlet.*



*True Water.*



# CELERY.



White Plume.

## CUCUMBERS.



Owing to continued wet weather cucumbers were a failure and prices are high.

**EVERGREEN WHITE SPINE.** This sort is fast becoming the favorite with market gardeners both for forcing and outdoor culture. It differs from the ordinary White Spine in the fact of always remaining of a deep green color in all stages of growth. It grows extra long, is of handsome and smooth shape, very early and prolific. Good shipping sort. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.00; postpaid.

**IMPROVED LONG GREEN.** A standard late sort; fruit dark green. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.00.

**CULTURE**—Sow in drills and tread the seed firmly in; thin out to an inch apart, and keep the ground well worked and free from weeds; shade the young plants for a week or ten days and do not let the soil dry out. In order to secure stocky plants, cut off the tops once or twice before transplanting, which should be done before July, after the plants have attained a height of four to six inches.

**DWARF GOLDEN HEART.** One of the best keepers through the winter. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 40c; 1 lb., \$1.50; postpaid.

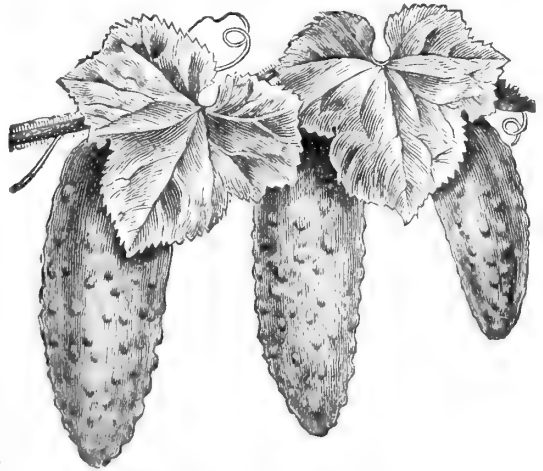
**WHITE PLUME.** This handsome sort is valued because, naturally, the stalk and portions of the inner leaves and heart are white; the whiteness does not show, however, until the plants are about one-third grown; it is unsurpassed for all use and the earliest celery in the market. Pkt., 10c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.00.

**GOLDEN SELF BLANCHING.** Similar to the White Plume in its self-blanching characteristics, but of a deep golden yellow color. Pkt., 10c; oz., 25c;  $\frac{1}{4}$  lb., 85c; 1 lb., \$3.00; postpaid.

**GIANT PASCAL.** Grows about two feet high; the stalks are very broad, thick and crisp, and of a rich nutty flavor. The heart is golden yellow, very full and attractive in appearance. It bleaches very easily and quickly. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; 1 lb., \$1.75; postpaid.

### TURNIP ROOTED CELERY.

**LARGE SMOOTH PRAGUE.** Unquestionably the largest and best celeriac in existence. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 60c.



**WESTERFIELD'S CHICAGO PICKLE.** This splendid variety was originated and selected by a prominent Chicago pickle grower, and is now preferred for pickling by almost every large pickle factory of that city. The fruit is short, straight and of a fine deep green, and is crisp and tender in quality. Our seed is grown from the originator's stock. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.00; postpaid.

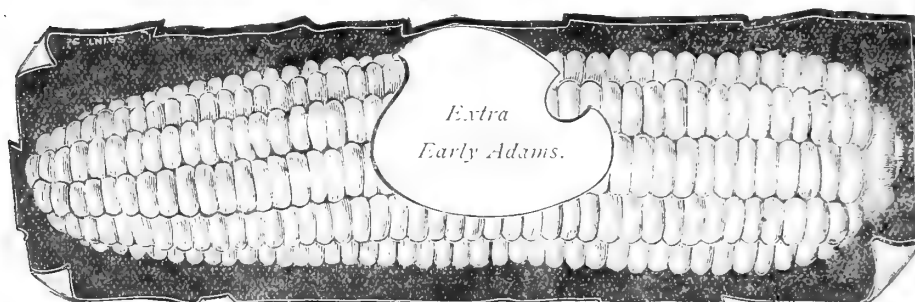
Postpaid.

	Pkt.	oz.	$\frac{1}{4}$ lb.	$\frac{1}{2}$ lb.
Early Cluster .....	5c	20c	50c	90c
Ey. Frame or Sh Green.....	5c	20c	50c	90c
Peerless White Spine .....	5c	20c	60c	\$1.00
Green Prolific .....	5c	20c	50c	90c
Gerkin .....	5c	20c	60c	
Japanese Climbing .....	5c	25c	60	

**IMPROVED WHITE SPINE.** For both market use and pickling; now more largely grown than any other variety very early; from 6 to 8 inches in length. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c;  $\frac{1}{2}$  lb., \$1.00; postpaid.

## SWEET CORN.

**EXTRA EARLY ADAMS.** This is not a sweet corn, but produces ears well filled with tender white grains. The ear is protected with a heavy husk, making it one of the hardiest varieties. Pkt., 10c; pt., 20c; qt., 30c; pk., 90c; bu., \$3.00.



Write Us  
for Prices  
on  
Sweet Corn  
for  
Fodder!

**EARLY ADAMS.** Same as above but not as early.

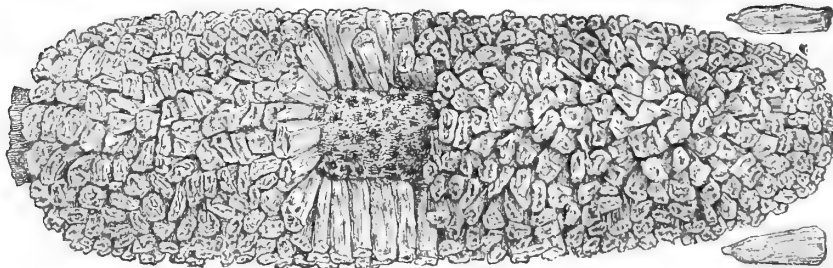
**MAMMOTH WHITE COB CORY.** The largest White Cob Cory and best Extra Early Sweet Corn. As early as the earliest and no Ex Ey. sweet corn will compare with it in size. Selected for white cob and white kernels, from the original and earliest Cory and is now a good length ahead of all the crack earlies, no matter what their names are. For a strictly first-class early, for first market and home use, try the Mammoth White Cory, and the gardener who wishes to get the cream of the trade should make his early plantings of this splendid variety. Pkt., 10c; pt., 20c; qt., 30c; postpaid; pk., \$1.25; bu., \$3.50.

**EARLY MINNESOTA.** An old and popular market sort. Stalks short, bearing one or two long eight-rowed ears; coming into bearing a little earlier than the Early Adams. Pkt., 10c; pt., 20c; qt., 30c; postpaid. By express, pk., \$1.00; bu., \$3.25.

**SHAKER'S EARLY.** Matures about the same time as the Minnesota; kernels are large and pearly white. The quality is faultless; pure white kernels, with medium sized white cob, very sweet, tender and full of milk, yielding 2 to 3 ears to the stalk; excellent for canning factory. (Crop very short.) Pkt., 10c; pt., 20c; qt., 30c; pk., \$1.00; bu., \$3.50.

**EARLY BONANZA.** As early as Minnesota, while the ears are much larger. It is exceedingly productive, bearing two or three good sized ears to a stalk. Pkt., 10c; pt., 20c; qt., 30c; postpaid. By express, pk., \$1.00; bu., \$3.50.

**EARLY CHAMPION.** The Earliest Large Sweet Corn Grown. This new variety is without question the earliest large sweet corn yet introduced, being only a few days later than the first early small sorts. Ears very large, in fact, many of the ears grow fully as large as Evergreen. It is 10 and 12 rowed and pure white in color, very sweet, tender and full of milk, yielding two and three ears to the stalk. Pkt., 10c; pt., 20c; qt., 30c; pk., \$1.00; bu., \$3.50.



**EGYPTIAN or WASHINGTON MARKET.** A large-eared, very late variety, ready for use about ten days later than Stowell's Evergreen. Pkt. 10c; pt. 20c; qt. 30; postpaid. By express, pk., \$1.00; bu., \$3.25.

### Country Gentleman.

**COUNTRY GENTLEMAN SWEET CORN.** In this we offer our customers a medium late variety of Sweet Corn, which we consider not only one of the very best for private use, but the sweetest and most tender of all Sweet Corn. The ears are from 5 to 7 inches in length; the kernels are very deep, placed irregularly but compactly on the cob, the cob itself being very small. Pkt., 10c; pt., 20c; qt., 30c; postpaid. Pk., \$1; bu., \$3.50; not prepaid.

**OLD COLONY.** (Also called Landreth's Sugar.) A variety of the Evergreen type, which it resembles very closely, but about ten days earlier; it is thought by many to be the finest late sort for all purposes and remains in marketable condition much longer than the average corn. We can recommend this variety to every gardener. Pkt., 10c; pt., 20c; qt., 30c; postpaid. By express, pk., \$1.00; bu., \$3.25.

**STOWELL'S EVERGREEN.** The best late sweet corn in every way, being large eared, hardy and productive, sweet and tender, and remaining a long time in condition suitable for cooking; there is no other late sweet corn which can compare with it. Pkt., 10c; pt., 20c; qt., 30c; postpaid. By express, pk., \$1.00; bu., \$3.25.

**MAMMOTH LATE.** Produces the largest ears of any sweet corn, frequently fourteen inches or more in length, following the Stowell's in maturity. Pkt., 10c; pt., 20c; qt., 30c; postpaid. By express, \$1.00; bu., \$3.25.

## ENDIVE.

**CULTURE**—For early use sow in April. For the main crop sow in June and July, and when up an inch or two, transplant to one foot apart each way.

**GREEN CURLED.** Very hardy, with dark green curled leaves; tender and crisp. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**MOSS CURLED.** Handsomely curled; fine quality; a desirable sort. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.

**BROAD LEAVED BATAVIAN.** Large heads of broad thick leaves; if bleached the inner leaves make a fine salad. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25.



*Endive—Green Curled.*

## EGG PLANT.



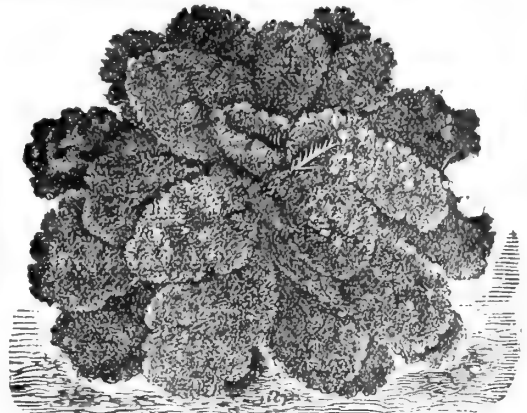
*New York Improved.*

**NEW YORK IMPROVED.** The best in cultivation; large round, dark purple, and very productive. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

## KALE OR BORECOLE.

**CULTURE**—Cultivate the same as cabbage. For summer and fall use, sow in April and transplant in June; for early spring greens, sow in September; 2 lbs. per acre in drills; 3 lbs. broadcast.

**DWARF GREEN CURLED GERMAN.** (Siberian Kale.) Very hardy; the main sort planted by gardeners. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.



*Kale—Dwarf Green Curled Scotch.*

**DWARF GREEN CURLED SCOTCH.** Leaves of a bright green, very tender and closely curled, rarely exceeding eighteen inches in height, but spreading out, under good cultivation to 3 feet in diameter. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**TALL GREEN SCOTCH.** Finely curled, even more tender after being touched by frost. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.

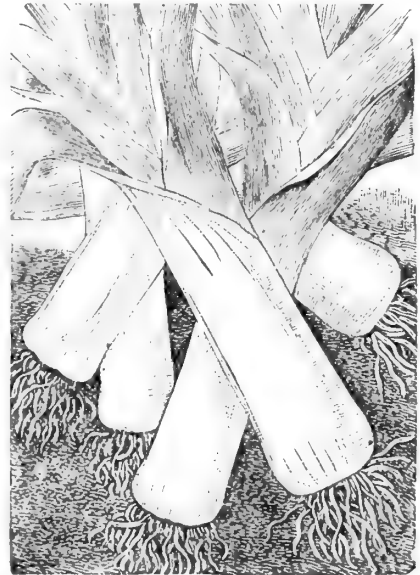
## KOHL-RABI.

**CULTURE**—For an early crop, start in hot bed and treat the same as early cabbage; for late crop, sow in drills 16 inches apart and thin to 6 inches apart in the row.

**EARLY WHITE VIENNA.** Best early variety for table, bulbs white. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00.

**EARLY PURPLE.** Similar to the last except in color. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.25.

**CULTURE**—Sow early in the spring in drills 1 inch deep and one foot apart; when six or eight inches high transplant in rows ten inches apart each way.



## LEEK.

**AMERICAN BROAD LEAF.** This variety is more largely used in this country than any other, plant strong, with broad leaves. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.25.

**GIANT CARENTAN.** Grows to immense size; broad leaves, one of the best; hardy. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.50.

**CULTURE**—Sow in March or April in a hot bed; transplant when two inches high into a second hot bed, or let them remain and thin out to four inches apart. Uniform heat is essential to this plant, and it rarely recovers from the least chill in its early growth. When the weather becomes settled, transplant into the open ground, two and a half feet apart, each way. One ounce to 1,500 plants.

## LETTUCE.

**CULTURE**—For general crop, sow out-doors as early in the spring as the ground can be worked, in drills 18 inches apart, and thin the young plants to 4 inches apart in the row. As the plants begin to crowd thin them out and use as required. Keep the soil constantly loose by frequently hoeing.  $\frac{1}{4}$  oz. to 100 ft. of drill; 3 lbs. per acre.

**BLACK SEEDED SIMPSON.** A standard variety for forcing, and early out-door culture. It forms large, loose clusters of leaves of light yellowish green color; the leaves are large, thin, very tender, slightly ruffled and blistered, the inner ones nicely blanched and even the large outside leaves are tender and of good quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.25.



*Big Boston.*

**BIG BOSTON.** A very popular variety with those gardeners who want a large heading forcing sort, and also for out-door winter culture. In the south the plants are large, very hardy and vigorous, with broad comparatively smooth, thin hard leaves, which are bright light green in color, and when well grown are quite tender. Pkt. 5c, oz. 10c,  $\frac{1}{4}$  lb. 35c, 1 lb. \$1.25.

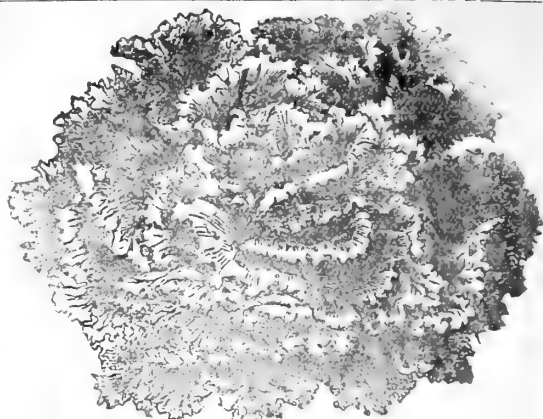
**DENVER MARKET.** An early variety of head lettuce, either for forcing or open ground, forms large heads of a desirable light color. The leaves are beautifully marked and blistered like Savoy Cabbage and are very crisp and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.



*Denver Market.*

**PRIZE HEAD.** The leaves are very large crimped, bright green tinged with brownish-red, and are exceedingly tender, crisp and sweet, forming a large, loose head. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb. 30c; 1 lb., \$1.00; postpaid.

		Postpaid.			
Standard Sorts.	Pkt.	oz.	$\frac{1}{4}$ lb.	1 lb.	
Early Curled Simpson.....	5c	10c	30c	\$1.00	
Early Curled Silesia.....	5c	10c	30c	1.00	
Boston Market.....	5c	10c	30c	1.00	
White Cabbage.....	5c	10c	30c	1.00	
Large Drumhead.....	5c	10c	30c	1.00	
Black Seed Tennis Ball.....	5c	10c	30c	1.00	
White Cabbage.....	5c	10c	30c	1.00	



*Grand Rapids Forcing.*

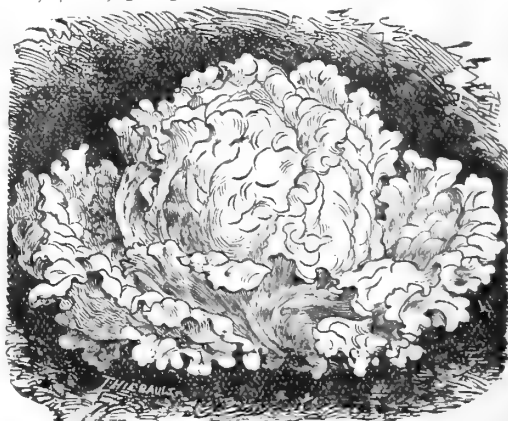
**GRAND RAPIDS FORCING.** A forcing variety which has been developed in the vicinity of Grand Rapids, Mich. Especially adapted for green house culture in the winter, for which it has no peer.

A strong grower, very tender, and will keep from wilting longer while exposed for sale than any other sort. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25.



*Large Hanson.*

**LARGE HANSON.** Forming a large, flat head; outer leaves bright green with prominent light colored veins; inner leaves white and usually curved and twisted at the base. Refreshingly crisp and tender. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25, postpaid.

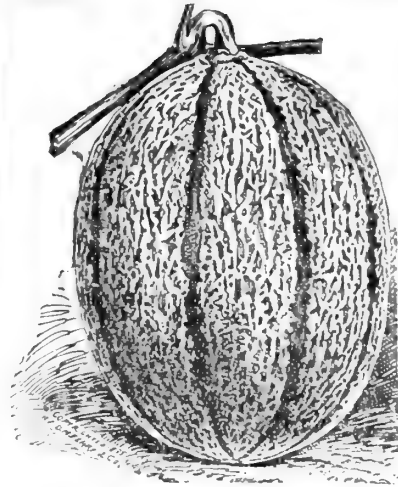


**CALIFORNIA CREAM BUTTER.** This is one of the best of the summer varieties of Head Lettuce. A strong growing sort with large green leaves marked with scattered brown dashes. It forms a solid head of rich cream yellow leaves which are very thick, tender and of splendid quality. Sometimes called Winter Lettuce. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; 1 lb., \$1.25; postpaid.

## MUSK MELONS.

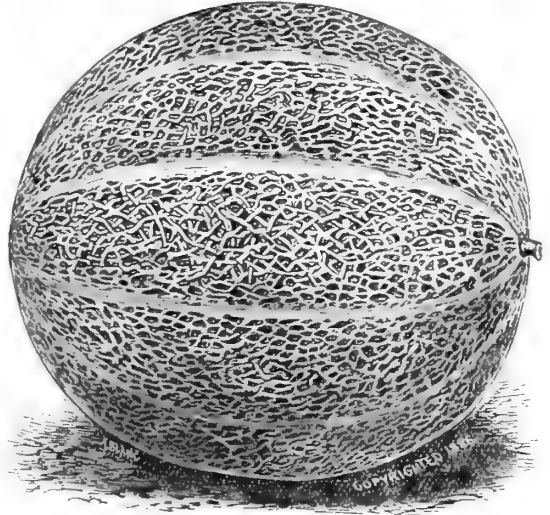
**CULTURE**—Melons thrive best in light, dry, sandy soil, plant in hill, six feet apart each way, ten seeds in each hill; remove two to three inches of soil where the hill is desired, and fill in with well rotted manure, then replace the soil 4 inches high, raking the hill rather flat. When the plants have made the second pair of leaves thin out to four in a hill. If the plants grow very rank, pinch off the ends of the shoots when about three feet long. One to two ounces to 100 hills; 1 to 1½ lbs. per acre.

**ROCKY FORD.** The melons are oblong, somewhat similar to the Netted Gem. They grow very uniform in shape and size, weighing from 1½ to 2 lbs.; skin green and thickly netted. Flesh of a light green color and very sweet. In quality and flavor, the melons have never been equaled. A good keeper, hardy and the best shipping variety ever introduced. We offer an exceptionally fine stock of this sort and it will pay every gardener to give this variety a trial. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., \$1.00; postpaid.



*Rocky Ford Musk Melon.*

Standard Sorts.	Pkt.	oz.	¼ lb.	1 lb.
Jenny Lind. ....	5c	10c	35c	\$1.25
Early Green Nutmeg. ....	5c	10c	25c	1.00
Netted Gem. ....	5c	10c	25c	1.00
Early Hackensack. ....	5c	10c	35c	1.25
Emerald Gem. ....	5c	10c	35c	1.25
Jersey Belle. ....	5c	10c	35c	1.25
Baltimore or Acme. ....	5c	10c	35c	1.25
Miller's Cream or Osage. ....	5c	10c	35c	1.25
Large Green Nutmeg. ....	5c	10c	35c	1.25



*Champion Market.*

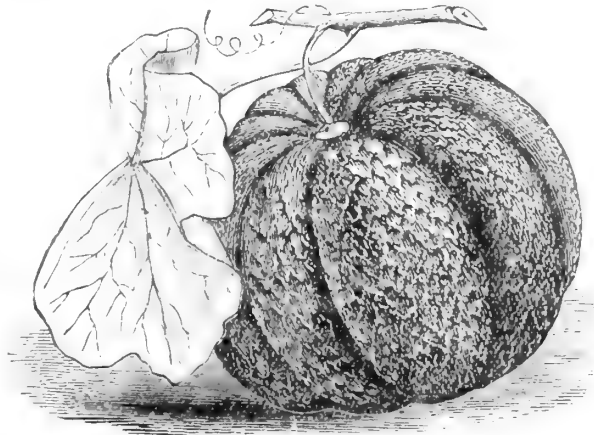
**CHAMPION MARKET.** The melons are almost a perfect globe in shape, and densely netted, weighing from four to five pounds each; the flesh is light green in color, of a rich sweet flavor; an excellent shipper. Pt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25; postpaid.



*Early Green Nutmeg.*

**PAUL ROSE.** The firm flesh is a rich orange red color like that of the Osage, but even sweeter and more highly flavored, retaining its good qualities quite to the rind. In size it is just the melon for hotel and table use and we consider it one of the best sorts for the home garden as well as for the professional melon grower. Pkt., 5c; oz., 10c; ¼ lb., 40c; lb., \$1.50; postpaid.

**EXTRA EARLY HACKENSACK.** A variety possessing all the good qualities of the well known Hackensack, but at least ten days or two weeks earlier. The melons weigh from four to 10 pounds each, are of nutmeg shape, heavily netted and have a light green flesh of delicious flavor. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25; postpaid.



*Chicago Market.*

**CHICAGO MARKET.** This deservedly popular variety which was first sent out by a Chicago firm, has been steadily growing in favor and holds its own against all melons in the market. Nearly round, flattened at the ends and deeply and regularly ribbed; skin green, densely netted; flesh light green. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25; postpaid.

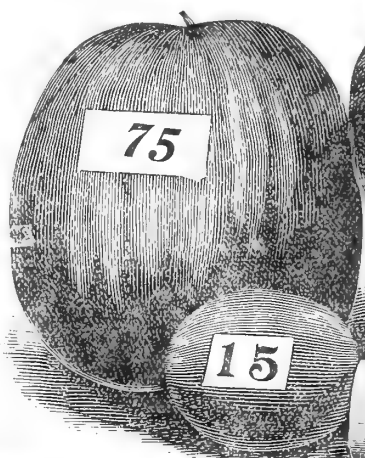


## Water Melons.

**GEORGIA QUEEN.** This new melon as a market sort and for shipment, is probably the best ever introduced. It is a cross between the Duke Jones and Kolb's Gem; has the firm handsome appearance of the former and the firm shipping qualities of the latter. The rind is of dark green color with indistinct stripes of a little light color. In flavor it is much better than the Kolb's Gem. The average size of the melon is very large, being over 40 lbs. each; give it a trial. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

**KOLB'S GEM.** Attains a weight of from 25 to 50 lbs.; flesh bright red solid, sweet and luscious, fruit round or slightly oval, marked with irregular mottled stripes of dark and very light green. As a shipping melon it has hardly an equal. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.

**GEORGIA RATTLE-SNAKE OR GYPSY.** Standard Southern variety of large size, possessing very remarkable shipping qualities; oblong, square at the ends; scarlet flesh, crisp and juicy. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c.



*Georgia Queen.*

**COLE'S EARLY.** This is an extra early melon of oval form, small in size, handsomely striped with light and dark green, and of good quality. Very desirable for raising for home use, especially where the season is short. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.

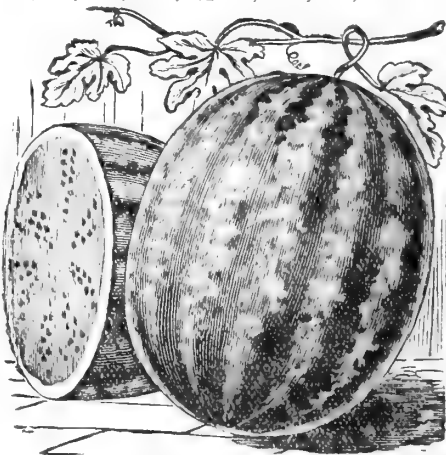
**McIVER'S WONDERFUL SUGAR MELON.** The sweetest melon grown. Without a single exception this is the sweetest water melon of all. The melons attain a great weight, are of a very handsome appearance, never crack or lose their fine flavor in the wettest season. It is a very productive and hardy variety and one that will take the lead wherever known. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c.

*Kolb's Gem.*

**THE DIXIE.** A cross between the Kolb's Gem and the Mountain Sweet; but far superior to the former, being larger, earlier, and much more productive. In comparison with Kolb's Gem it is larger, of a darker green and more beautifully striped. Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 60c; postpaid.

**DUKE JONES.** One of the largest and most productive melons. Solid, dark green skin, of firm appearance; solid red meat. Pkt., 5c; oz., 10c; ¼ lb., 60c; postpaid.

**BLACK DIAMOND.** A cross between Kolb's Gem and Hoosier King and one of the most prolific Water Melons ever planted. Its color is rich dark green, almost black. Its symmetrical shape, roundish to bluntly oval; is uniform throughout the field; in size they are very large. Pkt., 5c; oz., 10c; ¼ lb., 25c; 1 lb., 60c; postpaid.



*Cole's Early.*

Standard Sorts.	Postpaid.			
	Pkt	oz.	¼ lb.	1 lb.
Seminole. ....	5c	10c	20c	60c
Florida Favorite. ....	5c	10c	20c	60c
Phinney's Early. ....	5c	10c	20c	60c
Black Spanish. ....	5c	10c	20c	60c
Mountain Sweet. ....	5c	10c	20c	60c
Pride of Georgia. ....	5c	10c	20c	60c
Dark Icing. ....	5c	10c	20c	60c
Mammoth Iron Clad. ....	5c	10c	20c	60c
Boss. ....	5c	10c	20c	60c
Cuban Queen. ....	5c	10c	20c	60c
Peerless or Ice Cream. ....	5c	10c	20c	60c

**SWEET HEART.** Fruit large, oval, uniformly mottled, light and dark green, rind thin but firm; flesh red, solid, melting and sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c.

## MUSHROOM SPAWN.

**CULTURE**—Any dark room or pit where the temperature can be kept from 50 to 60 degrees will do for the culture of mushrooms. In preparation for a mushroom bed, procure soil from an old pasture, and fresh horse manure, free from straw or litter, and mix thoroughly in proportion of three parts of horse manure to one of loam; previous to mixing, the manure should be turned a number of times to get rid of the heat, make out of this compost a bed eight to ten inches deep, pressed solidly; let the temperature recede until it reaches about 90 degrees, then plant pieces of spawn the size of a walnut in holes two or three inches deep and six inches apart each way, cover the holes, pressing the dirt solid. At the expiration of ten days, cover the whole with two inches of fresh loam and over this spread three or four inches of straw, hay or litter; in about eight weeks the mushrooms make their appearance. If the surface becomes dry, wet with warm water. One brick of spawn will plant eight or nine square feet.

**ENGLISH SPAWN.** 1-lb. brick 25c, postpaid, 10 lbs. \$1.25, not prepaid.

Mr. Ed. Guiteau, Nevada, Mo., writes us: "I spawned the mushroom bed Monday evening, Sept. 8th, the mushroom showing up Wednesday morning, Oct. 8th, 4 weeks, one day, one night; put on dressing over an inch deep after spawning 8 days. Never had them show up before 5 weeks—looks as though the spawn bought of you was! A No. 1.



*A Bed of Mushrooms.*

### Robinson's Mushroom Culture.

A book bound in cloth, giving directions how to prepare mushroom beds and raise mushrooms. Postpaid, 50c.

## MUSTARD.

**CULTURE**—Sow thickly in March or April in rows, and cut when two or three inches high; the green leaves are used as a salad or boiled like spinach. One ounce will sow 80 ft. of drill.



## OKRA OR GUMBO.

**CULTURE**—This vegetable is extensively grown in the Southern states, where its long pods, when young, are used in soups or stews, and are served like asparagus. In hills or drills three feet apart and thin out to three plants in a hill.



*Okra: White Velvet.*

**WHITE VELVET.** The pods of this variety are not ridged or square edged, but are round and smooth, and much larger than the other sort. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; postpaid.

**DWARF GREEN.** Plants of dwarf stocky growth, wonderfully prolific, and mature pods ready for use ten days to two weeks earlier than the tall varieties, pods three to four inches in length, and heavily ridged. Pkt., 5c; oz., 10c; ¼-lb., 20c; 1-lb., 60c; postpaid.

**WHITE.** Best for culinary purposes and for salads. Pkt., 5c; oz., 10c; ¼-lb., 15c; 1-lb., 35c; postpaid.

**NEW CHINESE.** This variety has leaves of very large size, plants growing almost as large as cabbages, and standing long before running to seed. During cool fall weather the leaves are very long, proportionally broad and more or less crimped. Pkt., 5c; oz., 10c; ¼-lb., 30c; 1-lb., 85c; postpaid.

**SOUTHERN GIANT CURLED.** Highly esteemed in the South, where the seed is sown in the fall and used in the spring as salad. Our stock is the true curled leaf, with dark-green leaves, edges of which are finely curled, adding to its attractiveness when served as a salad. Pkt., 5c; oz., 10c; ¼-lb., 25c; 1-lb., 85c; postpaid.

**ONIONS.**

**A Strictly High-Grade Strain of Seed.  
Beware of Doubtful Imported Onion Seed.**

**CULTURE:**—Full sized onions may be grown from the seed fully as well, much more cheaply, and only little later than from sets. For this purpose from 4 to 5 lbs. of seed per acre are required. Sow the seed thinly one-half inch deep in drills, one foot apart, and thin out later leaving about 8 plants to the foot. The first hoeing should be given, just skimming the ground between the rows, as soon as they can be seen the length of the row, but do not ridge up to the growing bulbs. For sets, sow 60 lbs. to the acre.



**THE HANDSOMEST,  
LARGEST, YELLOW  
GLOBE ONION.**

This is the large, handsome onion that is sold by confectioners or fruiterers in the large cities. They are of a rich straw color and of enormous size, weighing, in many cases, three to three and a half pounds; although of such great size, it is very hardy and a good keeper; the flesh is white, very thick, and so mild in flavor that it can be eaten raw like an apple. For large onions, we can offer no better variety than this. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50; postpaid.

**EXTRA EARLY RED.** The earliest of all red onions; flat in shape. Pkt., 5c; oz., 15c; ¼ lb., 40c; 1 lb., \$1.40; postpaid. By express, 5 lbs., \$1.25.

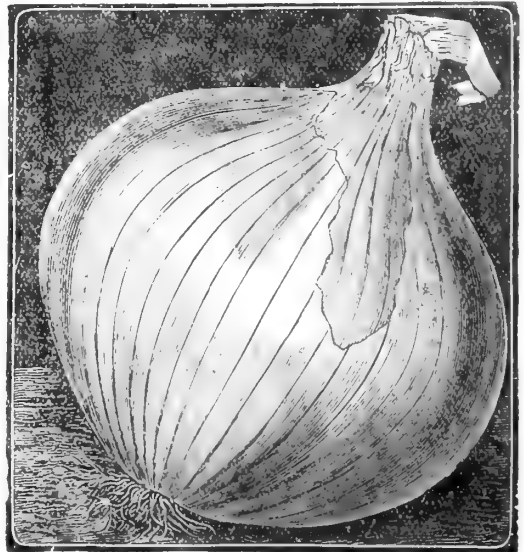
**LARGE RED WETHERSFIELD.** The standard variety so largely used for commercial purposes, good size, an immense yielder, deep red color, fine keeper. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.40; postpaid. By express, 5 lbs., \$1.25 per lb.

**YELLOW GLOBE DANVERS.** A favorite variety in the East, where it is grown almost to the exclusion of all other sorts; bright yellow in color, a perfect keeper and heavy yielder. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25; postpaid. By express, 5 lbs., \$1.00 per lb.

**FLAT YELLOW DANVERS.** Like the Globe Yellow Danvers, but rather more flattened. One of the best keeping onions grown, flesh white, fine grained, firm and mild; perfect in shape, and a large cropper. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.15; postpaid. By express, 5 lbs., \$1.00 per lb.

**Yellow Strasburg or Dutch.** Bulbs quite flat, of good size; skin rich yellow, turning to brown when exposed. Ripens early; flesh white and of mild flavor; keeps well. It is one of the very best to grow for sets. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.15c, postpaid. By express 5 lbs., 90c per lb.

**Extra Early White Pearl.** A pure silvery-white onion of very quick growth, frequently maturing in seventy days from sowing the seed. Bulbs are flattened, of medium size with silvery-white skin; flesh crisp and mild in flavor. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.25, postpaid. By express 5 lbs., \$2.00 per lb.

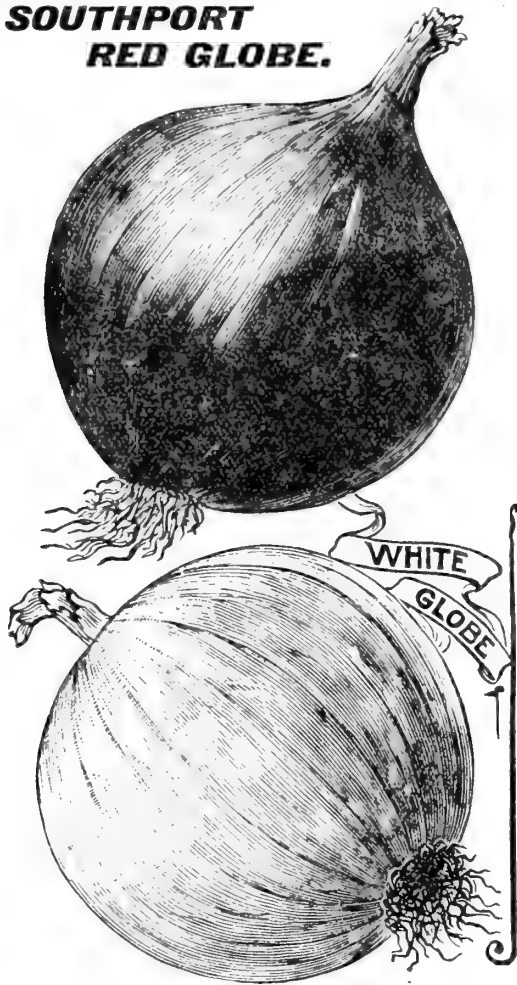


*Yellow Globe Danvers.*

**Caution!**

**Beware of cheap seed. REMEMBER: Cheap seed is dear at any price.**



**SOUTHPORT  
RED GLOBE.**

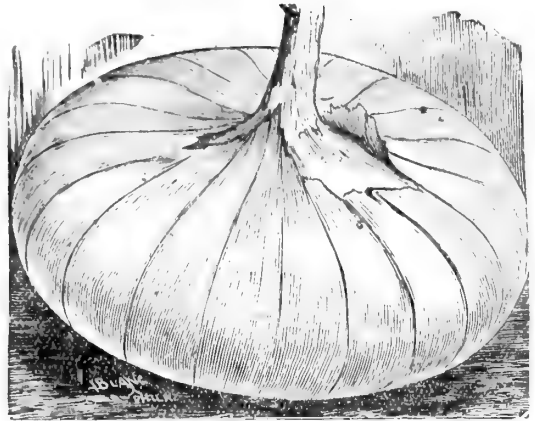
**SOUTHPORT WHITE GLOBE.** One of the handsomest onions grown and rapidly taking the lead in our market; a large yielder, mild in flavor, clear white skin and in every way to be recommended, one of the best varieties to sow for early bunching. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.25; postpaid. By express, 5 lbs., \$2.00 per lb.

**SOUTHPORT RED GLOBE.** Similar to the White Globe except in color; they are perfectly globe-shaped, more so than the Globe Danvers, of handsome appearance and heavy croppers; excellent keepers; a very desirable sort. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 50; 1 lb., \$1.50; postpaid. By express, 5 lbs., \$1.25 per lb.

**WHITE PORTUGAL OR SILVERSKIN.** An early flat white variety, mild flavor, excellent for growing sets, one of the best for pickling. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; 1 lb., \$2.25; postpaid. By express, 5 lbs., \$2.00 per lb.

**NEW WHITE BARLETTA.** The earliest variety of the small white onion, being from two to three weeks earlier than the White Queen; it is of a beautiful silvery white color, flesh firm and very mild. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 75c; lb., \$2.25; postpaid.

**RED BERMUDA.** A large variety growing from 5 to 6 inches in diameter, the skin is a rich blood red color; flesh white, medium early. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00; postpaid.

*Mammoth Silver King.*

**MAMMOTH SILVER KING.** An Italian variety of special merit; it is remarkably early, of large size and fine quality. A popular variety in the South, where it grows to an enormous size, a single onion, grown from seed the first season weighing from two to three pounds; white flesh variety, in shape, flat, and of an exceedingly mild and delicate flavor. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.

**ONION SETS.**

Write for special prices on large lots. Prices variable.

	Postpaid.
Top or button sets.....	per qt. \$0.30
Bottom onion sets, red or yellow.....	per qt. .25
Bottom onion sets, white.....	per qt. .35
Garlic sets .....	per lb. .25
White Multipliers .....	per qt. .30

**PARSLEY.**

**CULTURE**—The seed is very slow to germinate and should be sown early in the spring, previously soaking the seed for a few hours in warm water.

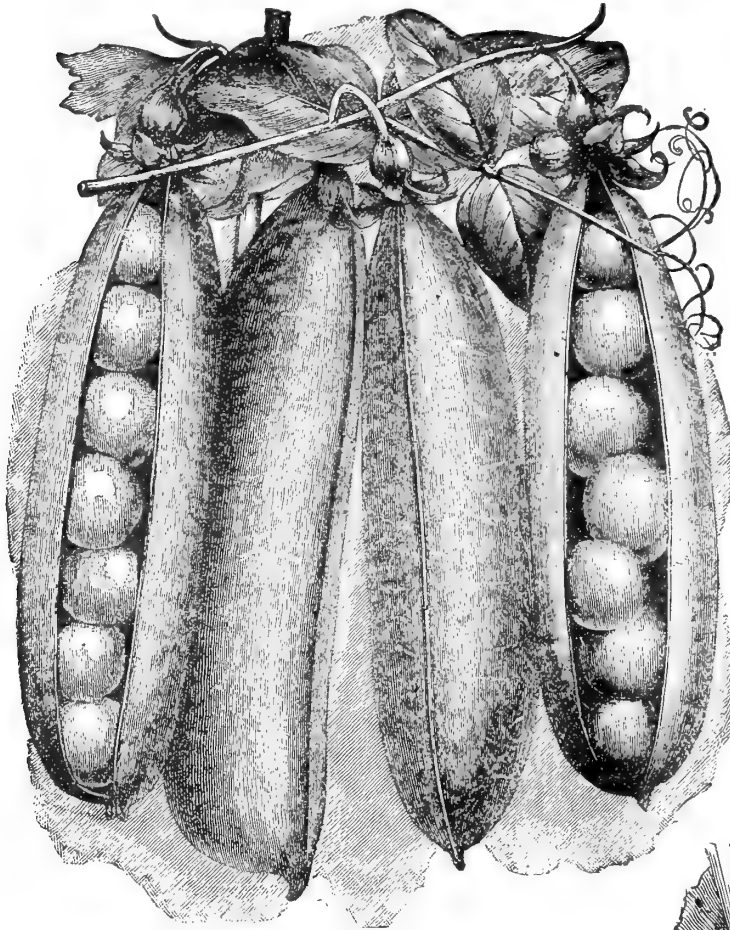
Sow in drills one foot apart, and when the plants are well up, thin to one foot in the row. When the plants are about three inches high cut off all the leaves; the plant will be brighter and better curled; every cutting will result in improvement. 1 oz. to 150 feet of drill.

*Champion Moss Curled Parsley.*

**CHAMPION MOSS CURLED.** Leaves beautifully curled and mossy. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c; postpaid.

**DOUBLE CURLED.** A fine variety; excellent for garnishing. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c; postpaid.

**HAMBURG OR TURNIP ROOTED.** Sometimes called German Parsley; a fleshy rooted variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c; postpaid.

*Nott's Excelsior.*

**NOTT'S EXCELSIOR.** The best Early Dwarf Pea. As hardy as the earliest market sorts, but in quality far superior. It resembles the American Wonder, but the vines are larger and more vigorous, and it outyields that variety from 20 to 30 per cent. The pods are one-third larger, and each pod contains from six to eight large peas which are tender, and of unusually sweet flavor, and so closely are the peas packed, that they are flattened against each other. A most desirable sort for the market and home garden. Pkt., 10c; pt., 30c; qt., 45c; postpaid. Pk., \$2.00, not prepaid. (Crop very short.)

**GRADUS OR PROSPERITY.** The Earliest Large Podded Pea in Cultivation. While the peas are of the most superior quality, both in size and delicious flavor, and will be ready for use only a few days later than the first earliest. The immense pods are as large as those of the Telephone, uniformly well shaped, nearly round and well filled with large handsome peas. They ripen slowly and continue for use much longer than most varieties; the vine has heavy stems, with large dark-green leaves, and grows three feet in height. Every gardener should try it. (Owing to an extremely short crop we are only able to offer this variety in small quantities.) Pkt., 10c; pt., 30c; qt., 50c; postpaid.

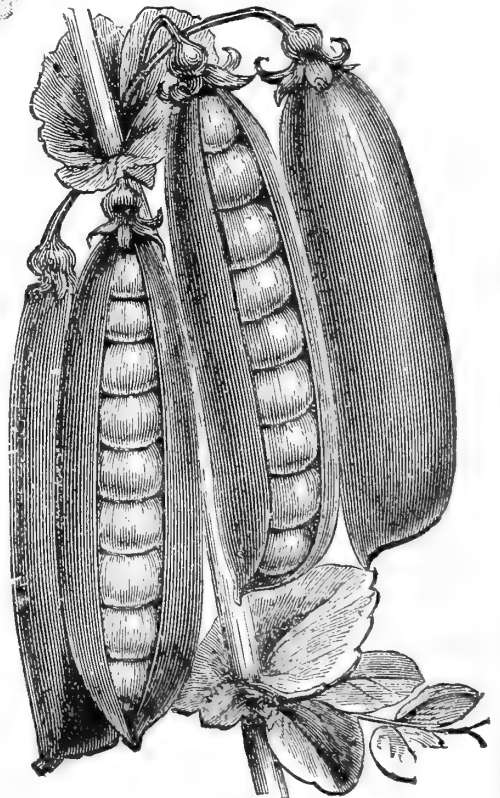
## Peas.

**The Crop of Peas is very short.**

### HARDEN'S EXTRA EARLY.

For years we have been making a selection of extra early peas, and have succeeded in placing before our customers this year an extra fine strain. This pea has been grown in and around Kansas City by the market gardeners, with the best of success, and we consider it the earliest and most productive pea grown today. Seeds round; pods well filled, and ripen uniformly; height 2½ feet. Seeds white and slightly dented. Ninety per cent of these pods can be taken at the first picking, which makes it very desirable for an early sort. Per pkt., 10c; per pt., 30c; per qt., 45c; postpaid. Per pk., \$1.75, not prepaid. (Crop very short.)

**AMERICAN WONDER.** The earliest of the wrinkled sorts; grows about nine inches high, and is covered with well filled pods, often containing seven or eight tender and sweet peas. We offer none but the true stock. Per pkt., 10c; per pt., 30c; per qt., 45c; postpaid; per pk., \$2.00; not prepaid. (Crop short.)

*Harden's Extra Early.*

**Peas—Continued**

**PRIDE OF THE MARKET.** A week earlier than the Stratagem, but resembling it in habit of growth; the foliage and pods are, however, of a deeper green; pods well filled with very large and finely flavored peas; height 2 feet. Per pkt., 10c; pt., 30c; qt., 45c; postpaid; per pk., \$1.75, not prepaid. (Crop very short.)

**IMPROVED OR NEW TELEPHONE.** Seed green wrinkled; height about 4 feet, foliage luxuriant, peculiar light shade of green; fairly productive; pods usually large size, elegant shape, slightly curved, well filled with peas of large size, good quality, earlier than the Champion of England. A most desirable variety for those who wish a large showy pea. Per pkt., 10c; pt., 30c; qt., 45c; postpaid. Per pk., \$1.75, not prepaid.

**HORSEFORD'S MARKET GARDEN.** A fine wrinkled variety; the best second Early Pea ever introduced; the vines are uniform in height, even and regular in growth; it is extremely prolific and bears its pods always in pairs, and has yielded at the rate of over 50 bushels per acre; the pods, although of medium size are numerous and literally packed with peas of delicious flavor. We recommend it highly to every gardener. Height 2 feet. Pkt., 10c; pt., 25c; qt., 40c; postpaid. Pk., \$1.50, not prepaid.

**DAISY OR DWARF TELEPHONE.** A dwarf growing, very large-podded main or late crop variety. Vines strong and vigorous, with heavy foliage, growing only eighteen inches in height and do not need brush; enormously productive; pods are very large and nearly straight, and are well filled with large and tender peas, having to an unusual degree the rich buttery marrow-like flavor, so prized by the connoisseur. Pkt., 10c; pt., 35c; qt., 50c; postpaid. (Crop almost a failure.)

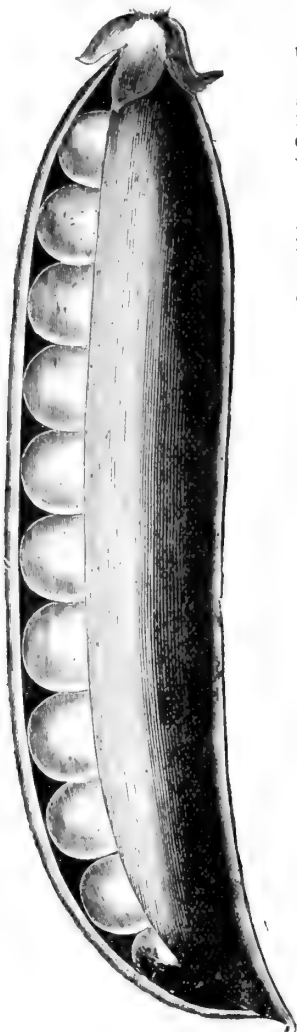
**IMPROVED STRATAGEM.** "One of the Best of the Large Podded Sorts." The old Stratagem Pea has always been one of the best late sorts for quality, but it was a shy yielder, and so wanting in uniformity and evenness of type. The Improved Stratagem has all the sterling qualities of the original type, and is one of the heaviest yielders; the pods are of immense size, and uniformly filled with very large, dark-green peas of the finest quality. Pkt., 10c; pt., 30c; qt., 45c; postpaid. Pk., \$1.75, not prepaid. (Crop very short.)

**ALASKA.** One of the earliest, which, in evenness of growth of vine and early maturity of pods, is unequalled by any other extra early pea. Vines two to two and one-half feet high, bearing four to seven long pods which are filled with medium sized, bright green peas of excellent flavor. Ripe peas, small, bluish-green. Matures all the crop at once, and is an invaluable variety for market gardeners and canners. Pkt., 10c; pt., 25c; qt., 40c; postpaid. Pk., \$1.65, not prepaid.

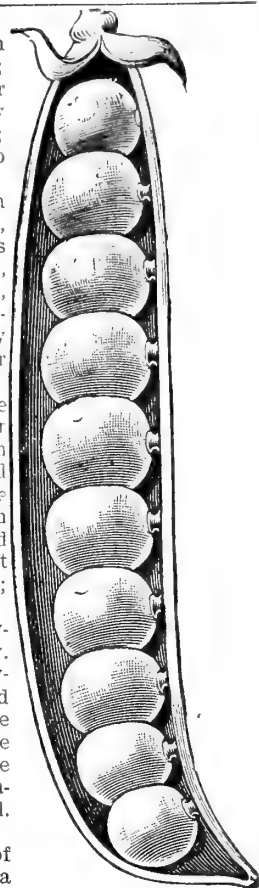
**STANDARD VARIETIES;**

Not  
Postpaid. Postpaid.  
Pkt. pt. qt. pk.

30 in. Philadelphia Ex.				
Ey. ....	10	25	40	\$1.75
14 in. Premium Gem..	10	30	45	1.75
10 in. Tom Thumb ....	10	25	40	1.50
24 in. Advancer .....	10	25	40	1.25
20 in. Abundance .....	10	25	60	1.35
24 in. Everbearing ....	10	25	40	1.35
50 in. Champion of Eng- land .....	10	25	40	1.25
36 in. Black-Eyed Mar- rowfat .....	10	20	35	1.00



Telephone.

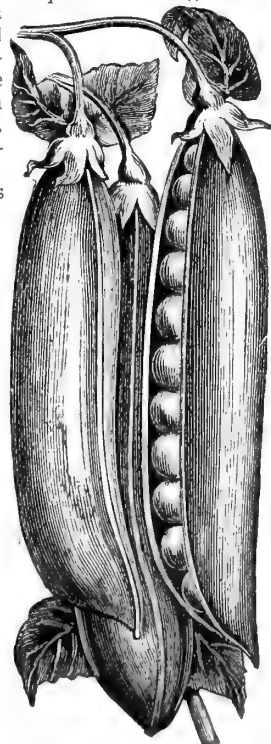


Improved Stratagem.



Horseford's Market Garden.

36 in. White Marrowfat. 10 20 35 1.15  
30 in. Dwarf Gray ..... 10 25 40  
Sugar ..... 10 25 40  
Canada Field ..... Market Price



Pride of the Market.

## PARSNIP.

**CULTURE**—The parsnip thrives best in a deep mellow soil. Sow the seed early in the spring in rows fifteen inches apart, covering the seed half an inch deep; thin out the plants, when well up, to five inches apart in the rows.

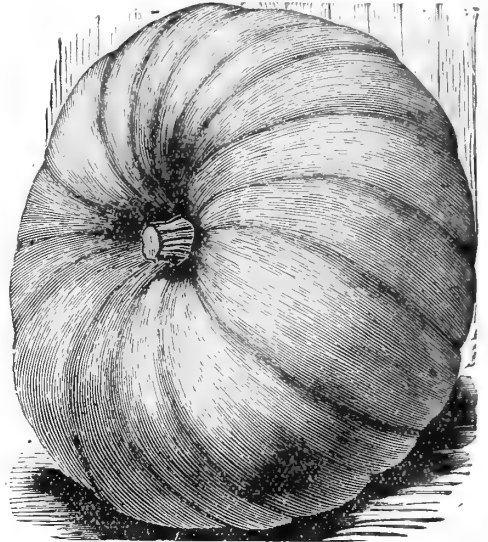
**HOLLOW CROWN.** Smooth, large roots, sweet and of most excellent flavor. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 55c; postpaid.

**IMPROVED GUERNSEY.** Not so long as the Hollow Crown, but of greater diameter; roots do not run so deep in the ground. Pkt 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 55c; postpaid.

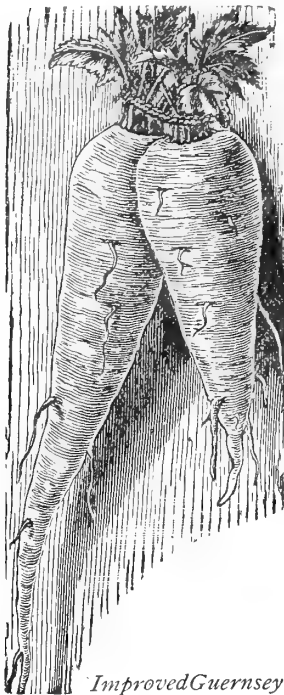
## PUMPKIN.

One pound for 200 to 300 hills; three to four pounds per acre.

**KING OF THE MAMMOTH.** This is the genuine strain of the True Mammoth Pumpkin. The largest pumpkin grown, often attaining a weight of 200 lbs. and over. The flesh and skin are of a bright, golden yellow color, of excellent quality and a splendid keeper. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50; postpaid. (Crop very short.)



*King of the Mammoth Pumpkin.*



*Improved Guernsey  
Hollow Crown.*

**CUSHAW.** A prolific variety, resembling in form the winter Crookneck Squash, although growing to a much larger size, frequently weighing 60 lbs., and over; color white striped and mottled with green. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c; postpaid. (Crop very short.)

**SWEET POTATO.** Pear shaped, size medium; creamy white in color, sometimes striped with green; flesh fine grained and very sweet. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c; postpaid. (Crop almost a failure.)

**SMALL SUGAR.** This is very handsome and prolific; of small size, the pumpkin averaging about ten inches in diameter. The skin is a deep, orange yellow. It is fine grained, sweet, dry and an excellent keeper and cannot be beaten for table use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c; postpaid.

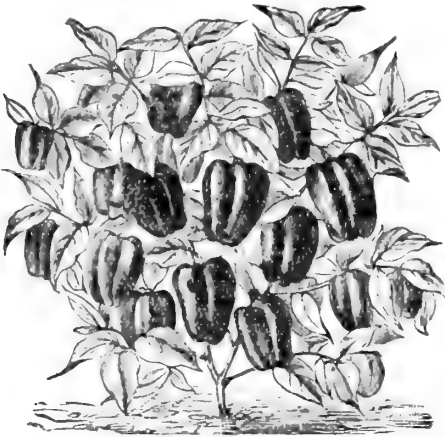


*View of Field of Connecticut Field Pumpkin*

### CONNECTICUT

**FIELD.** One of the best for field culture; can be grown with corn; largely used for stock feeding. It is of deep, rich, yellow color, firm grain and excellent flavor. Oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 40c; postpaid.

**LARGE CHEESE OR KY. FIELD.** A most popular variety in the south. Fruit flattened, skin mottled light green and yellow, changing to rich cream color as it matures; flesh tender and of excellent quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 50c; postpaid.

**PEPPER.***Ruby King.*

**LONG RED CAYENNE.** Pods small, cone-shaped, scarlet red, and when ripe used for pickles and

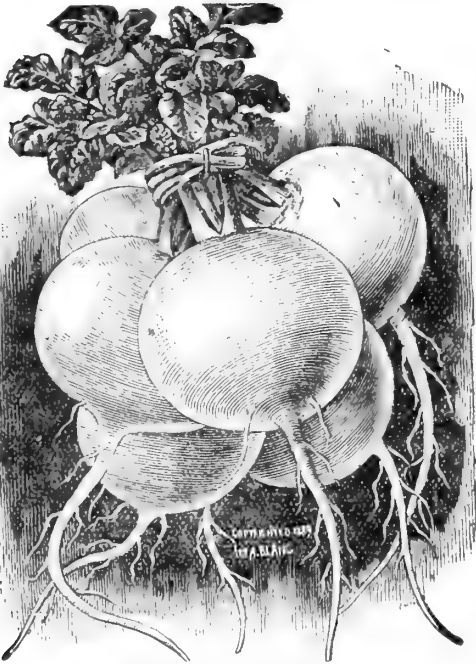
pepper sauce. Hot and pungent. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

**RUBY KING.** The peppers are of a bright ruby red color, from 4½ to 6 inches long, by 3½ to 4 inches in diameter. Flavor remarkably mild, and can be sliced and eaten with pepper and vinegar like tomatoes or cucumbers. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.50; postpaid.

**CELESTIAL.** A beautiful and attractive plant; the peppers, up to the time when they are full grown are of a delicate creamy yellow color, and when fully grown change to an immense vivid, scarlet, making the plant, when loaded with fruit, part of one color and part of the other, very attractive. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.50.

**SPANISH MONSTROUS.** Fruit very large, often 8 inches or more in length by 2 or 3 inches in diameter; rind thick and fleshy; mild and sweet flavored. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.25.

**IMPROVED BULL NOSE OR SWEET MOUNTAIN.** A very large sort of inverted bell shape, suitable for filling or for a mixed pickle; flesh thick, hard and less pungent than most other sorts; very productive and of good, sweet quality. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.25; postpaid.

**RADISH.***Philadelphia White Box.*

**EARLY SCARLET GLOBE.** A desirable turnip sort for hot-bed forcing and out-doors; very early; flavor mild, crisp, juicy and tender; top small; will stand heat without becoming pithy. One of the best selling and most attractive Radishes on account of its bright scarlet color and handsome shape; is ready in 28 days. Our stock of this is the very best selected with special care as to size, shape, color and earliness. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c; postpaid.

**EX. EY DEEP SCARLET TURNIP WHITE TIPPED, FORCING.** A beautiful variety, deep scarlet with white tip; popular as a market variety. The earliest forcing variety and cannot fail to give full satisfaction as such; small top. Does

not show as much white as the ordinary Sc. T. W. Tip. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c; postpaid.

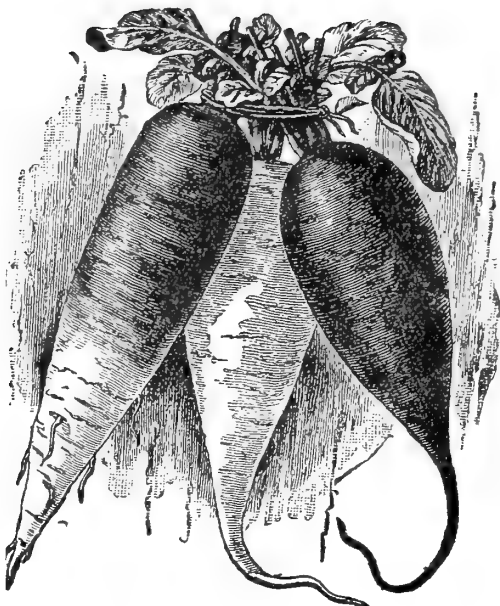
*Non Plus Ultra.*

**NON PLUS ULTRA OR EXTRA EARLY DEEP SCARLET TURNIP, FORCING.** One of the best radishes for forcing. Roots fit for use may be had in three weeks from time of sowing. Roots small turnip shaped, deep, rich red color; tops very small. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c; postpaid.

**PHILADELPHIA WHITE BOX.** Roots round and smooth, very white and handsome; remains solid and juicy long after full grown; desirable for forcing but a splendid out-door radish as well. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

STANDARD VARIETIES.			
Pkt.	oz.	¼ lb.	lb.
Early White Turnip.....	5c	10c	25c 75c
Early Deep Scarlet Turnip.....	5c	10c	20c 75c
Scarlet Turnip White Tip.....	5c	10c	25c 70c
New Champion.....	5c	10c	25c 75c
French Breakfast.....	5c	10c	25c 60c
Yellow Summer Turnip.....	5c	10c	20c 60c
Long Scarlet Short Top.....	5c	10c	20c 65c
Giant White Stuttgart.....	5c	10c	20c 65c
Long White Spanish.....	5c	10c	20c 65c
Round Black Spanish.....	5c	10c	20c 70c
Long Black Spanish.....	5c	10c	20c 65c
Calif. Mam. White Winter.....	5c	10c	25c 75c





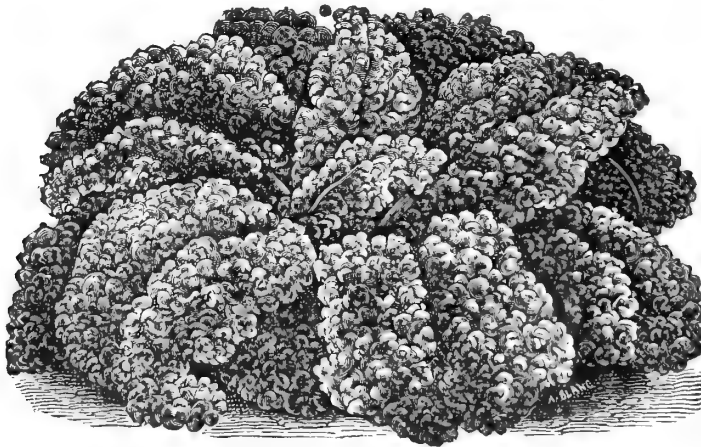
*Imp. Chatier. White Strasburg. Wood's Ey. Frame*

**WHITE STRASBURG OR HOSPITAL.** A leading sort on our market; half long in shape; both skin and flesh pure white, firm and brittle; grows to a large size and withstands severe heat. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c; postpaid.

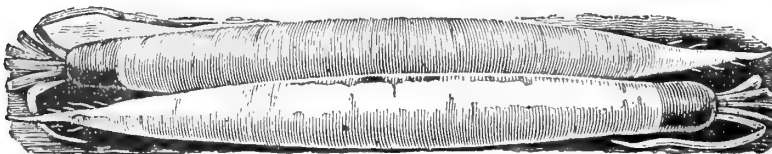
**WOOD'S EARLY FRAME.** This variety is similar in shape to the Long Scarlet, but shorter and fully ten days earlier; much used for forcing. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c; postpaid.

**LONG WHITE VIENNA OR LADY FINGER.** This is one of the finest of the long radishes, beautiful in shape, skin and flesh pure white. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 75c; postpaid.

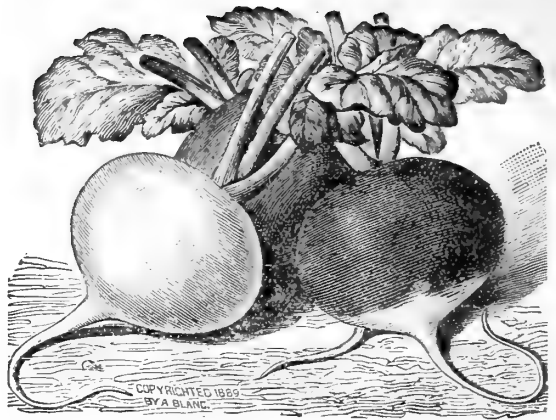
**BRIGHTEST LONG SCARLET, WHITE TIPPED.** Resembling the Long Scarlet in shape and size; very early. Its color is a bright scarlet, more the color of carrot than radish; the tails are tipped white. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 65c.



*Bloomsdale or Savoy Leaved.*



**MAMMOTH SANDWICH ISLAND.** This variety grows to an extra large size, averaging fully double the size and weight of roots of the old French variety. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.35.



*White Turnip. Ey. Deep Scarlet. Scarlet Turnip, White Tip.*

**IMPROVED CHARTIER.** The color at the top is crimson running into pink about the middle, and from thence down it is a pure waxy white; it is of quick growth, and does not become stringy; pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c; postpaid.

**ICICLE.** The earliest and finest long white radish. The young radishes are ready for use even earlier than the long scarlet and continue to grow for a long time, fully retaining their tenderness and mild flavor until quite large. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 85c; postpaid.

**CHINESE ROSE WINTER.** A general favorite, size medium; flesh white, firm and of a superior quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 70c; postpaid.

## **RHUBARB.**

**CULTURE.**—Sow in drills one foot apart, one in. deep; when a few inches high thin to a foot apart. In Fall or Spring prepare the ground for the final bed by trenching 2 feet deep; mixing a liberal quantity of manure with the soil. Set the plants three feet apart each way.

**LINNAEUS.** The earliest for market purposes. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

**VICTORIA.** Large and tender. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.50.

**ROOTS.** Not prepaid, dozen \$1.00, each 10c.

## **SPINACH**

**THICK LEAVED ROUND.** Good for either fall or spring sowing; very hardy; leaves large, round, thick. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 40c; postpaid.

**BLOOMSDALE OR SAVOY-LEAVED.** Leaves large, curled and wrinkled like Savoy cabbage, very hardy. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 15c; lb., 40c; postpaid.

## **Salsify or Vegetable Oyster**

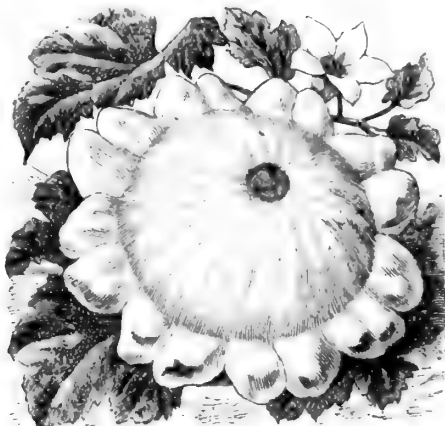
**CULTURE.** It succeeds best in a light, well enriched soil; coarse and fresh manure should be avoided, as it will surely cause the roots to grow uneven and ill-shaped. Sow the seed as early as possible, and quite deep in drills about eighteen inches apart, and thin the plants to three inches in the row.

## SQUASH.

**MAMMOTH WHITE BUSH SCALLOP.** An early flat, scalloped variety, pure white, favorite early sort. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c; postpaid.

**GIANT SUMMER CROOK-NECK.** Early, rough, warty surface, orange yellow, good quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c; postpaid.

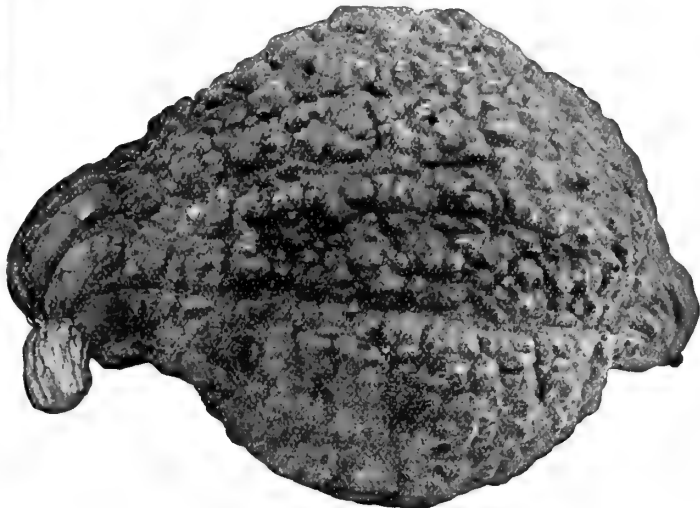
**GIANT SUMMER STRAIGHT-NECK.** Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; postpaid.



*Mammoth White Bush Scallop.*

**VEGETABLE MARROW.** The fruit is very variable in size, from nine to eighteen inches in length, and from four to six inches in diameter. Skin a greenish yellow. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; postpaid.

**GOLDEN HUBBARD.** A perfect type of the Green Hubbard, except in color, which is a bright, deep orange-yellow, very showy and attractive. 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; postpaid.



*Chicago Warty Hubbard.*

**CHICAGO WARTED HUBBARD.** For thirty or forty years this squash has ranked first for a winter keeper. It was found by growing it in a large way, that the largest, heaviest, dark, rough-skinned specimens are the most valuable, and most salable. Because of this the above selection has been made, and we think our customers can plant it in perfect confidence that every fruit will be a pure Wartyed Hubbard. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.20; postpaid.

## TOMATOES.

**CULTURE**—Tomatoes do best on not over rich warm soil, and success depends upon securing a rapid, vigorous and unchecked growth during the early part of the season. Even a slight check while the plants are small will materially diminish their productiveness. Sow the seed in hot-beds or seed boxes and when the plants have four leaves, transplant into shallow boxes or cold frames.

**MATCHLESS.** A large, bright red tomato, which has become very popular in the East. The fruit is large, very smooth and symmetrical, ripening well to stem. The flesh is a rich, bright red color and of fine quality, though not as solid as that of Stone. Pkt., 5c; oz., 25c; ¼ lb., 90c; lb., \$3.00; postpaid.

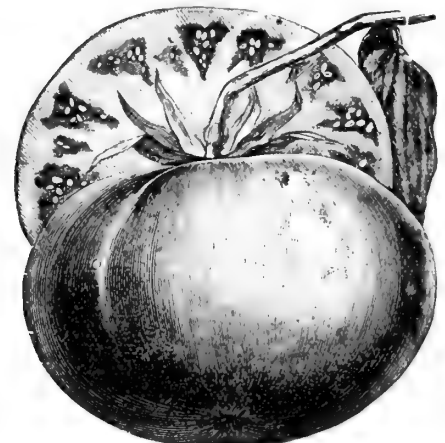
### STANDARD VARIETIES.

	Pkt.	Postpaid.		
		oz.	¼ lb.	lb.
Acme .....	5c	20c	60c	\$2.00
Royal Red .....	5c	25c	70c	2.25
Trophy .....	5c	20c	60c	2.00
Paragon .....	5c	25c	75c	2.00
Large Smooth Red .....	5c	20c	60c	2.00
Ponderosa .....	5c	30c	1.00	3.25
Volunteer .....	5c	20c	60c	2.00
Golden Queen .....	5c	20c	60c	2.00
Yellow Plum .....	5c	25c		
Strawberry or Husk .....	5c	25c		

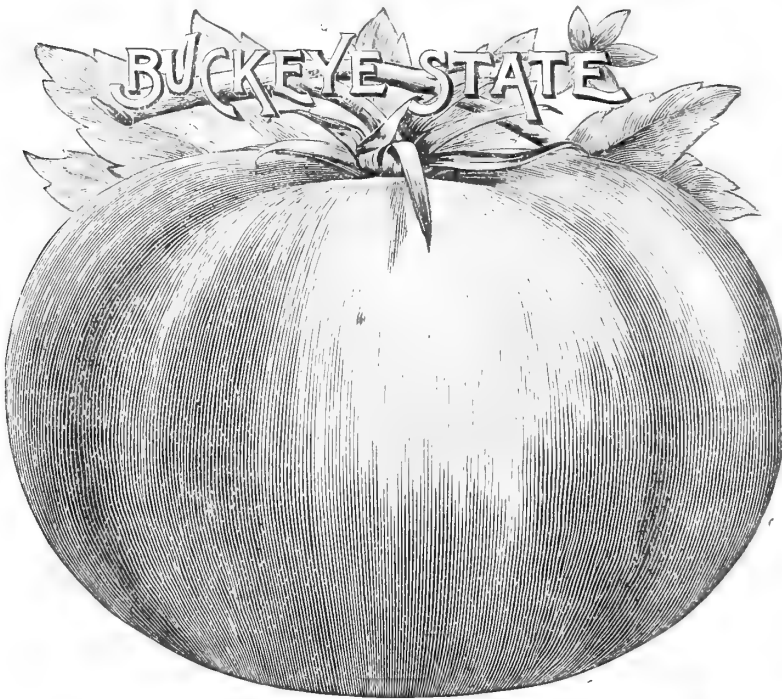
USE "SLUG SHOT" TO PREVENT THE INSECTS FROM DESTROYING YOUR VINES—IT WILL DO THE WORK IF USED IN TIME. DON'T SAY NO, WE KNOW IT WILL—TRY IT AND BE CONVINCED. 5 LB. PKG., 35c; 10 LB. PKG., 65c; NOT PREPAID.



*Giant Summer Crook Neck.*

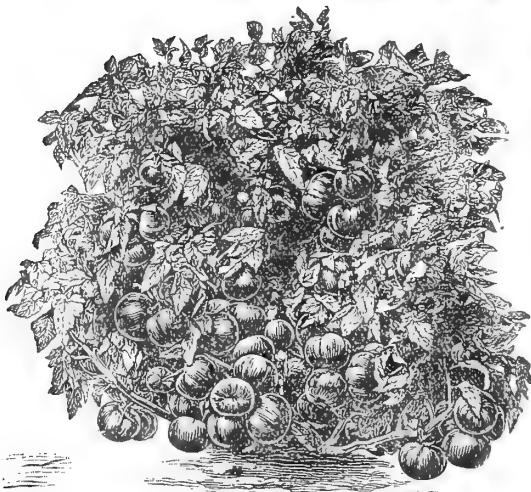


*Matchless.*

**TOMATOES.—Cont.**

**LIVINGSTON MAGNUS.** This very distinct and most promising new variety, of the color of Beauty and Acme, is the latest addition by Livingston to the Tomato family. It is thicker, heavier, and more solid than either of the above, making it the most handsome sort in cultivation. The form is perfect, uniform, large and attractive. Flesh is very firm. It is a robust grower, with close joints, setting its fruit clusters closer together than most varieties, and is therefore a heavy cropper. Pkt. 10c; oz. 35c;  $\frac{1}{4}$  lb. \$1.00

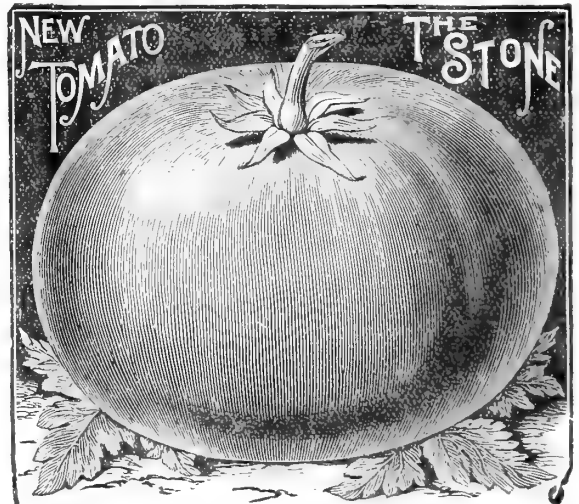
**BUCKEYE STATE.** This is one of the largest fruited variety grown; smooth and uniform, heavy cropper; grows in clusters of from four to ten fruits; color glossy and dark crimson, with slight tinge of purple. Matures about the same time as the Stone. Pkt. 5c; oz. 25c;  $\frac{1}{4}$  lb. 75c; 1 lb. \$2.25.

*Dwarf Champion.*

**LIVINGSTON'S BEAUTY.** True stock grows in clusters of four or five; glossy crimson, partaking of some of the characteristics of the Acme; solid; retains its color and size until late in the season; for shipping or early market it cannot be excelled. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 70c; lb., \$2.25.

**LIVINGSTON'S PERFECTION.** Very large and early; blood red; perfectly smooth, thick meat; few seeds; it is one of the earliest to mature; solid and of good quality; a fine shipping sort. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

**LIVINGSTON'S FAVORITE.** One of the most perfect shaped tomatoes grown. Very smooth; darker than the Perfection; ripens evenly and quite early; good shipping qualities. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.00.

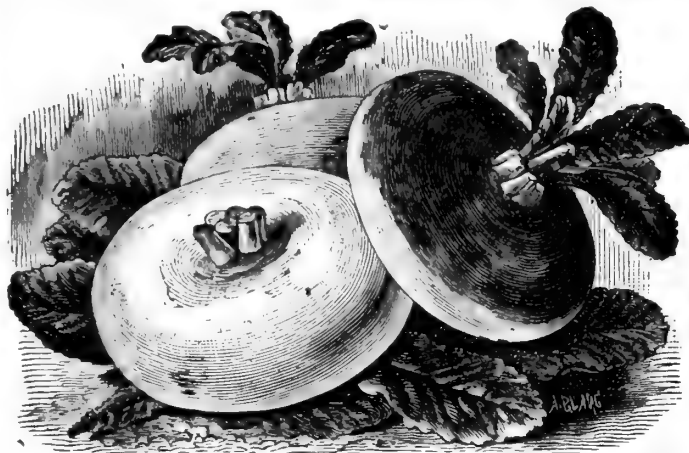


**NEW STONE.** It is a large, smooth tomato; color bright scarlet; ripens evenly to the stem; solid and excellent shipper. Very productive; fine for canning. Is a general favorite with all who have used it. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 75c; lb., \$2.25.

**DWARF CHAMPION.** The best early tomato grown. It is entirely distinct in habit of growth and foliage; the vines are dwarf and compact, grow stiff and upright, with thick and short jointed stems. As an early tomato of some size it is unsurpassed. Pkt., 5c; oz., 30c;  $\frac{1}{4}$  lb., \$1.00; lb., \$3.00.

**FOOD for FLOWERS & FERTILIZERS**  
of All Kinds. A Complete List of  
**CHICKEN SUPPLIES. WE HAVE IT**





## TURNIP.

### EXTRA EARLY RED-TOP MILAN.

The earliest strap leaf variety, maturing a week earlier than any other sort; bulbs white, purplish top; flat and solid. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c.

**EARLY WHITE EGG.** Pure white, egg-shaped, rapid grower and fine quality; very solid, fine-grained flesh. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; postpaid.

**PURPLE TOP STRAP-LEAF.** The most popular variety grown. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; postpaid.

**WHITE FLAT DUTCH.** A popular well known early sort; the best variety for spring sowing. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; postpaid.

**PURPLE TOP WHITE GLOBE.** Improved variety of Purple Strap-Leaf, globular shaped, smooth and a favorite sort for market gardeners. It keeps well, and is excellent for early or winter market. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c.

**POMERANIAN WHITE GLOBE.** Valuable both for stock feeding and for table use; the roots will frequently grow to 12 lbs. in weight. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; postpaid.

**SEVEN TOP OR FORESTER.** (Winter Green.) Used extensively in the South for winter greens; does not produce a good bulb; desirable only for its tops; is very hardy and will grow all winter. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; postpaid.

**LONG WHITE COW HORN.** Carrot-shaped, pure white, except at top; fine grained, very sweet; roots grow half above the ground. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; postpaid.

**AMBER GLOBE.** Yellow flesh, firm, fine grain; very sweet, skin yellow with green top; keeps well; very popular in the South. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; postpaid.

### RUTABAGAS.

**CULTURE.**—Sow the seeds about a month earlier than turnips. Rutabagas should be sown on ground enriched with well rotted manure, in drills two and one half feet apart, and should be thinned to six to eight inches apart in the row.

**IMPROVED AMERICAN PURPLE TOP.** Leading yellow variety; very productive, solid and of excellent flavor; the roots grow to a large size and are of the finest quality; unsurpassed for stock feeding. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 55c; postpaid.



Purple Top White Globe.

The tobacco seed we offer has been carefully grown on crown shoots only, and improved by continuous selection. It will be found true to name and of the highest vitality. "Virginia Grown."

Prices on all varieties, pkt. 5c; oz., 30c; ¼ lb. 75c.

**CONNECTICUT SEED LEAF.** The largest, best and finest variety of this indispensable kind.

**BIG HAVANA.** A hybrid Havana or Cuban seed leaf; a heavy cropper of fine texture, delightful flavor and the earliest cigar variety to mature.

**GOLD FINDER.** A Yellow Oronoko crossed on White Burley; has the shape and habit of the Oronoko. Especially recommended for Missouri and Kansas planters.

## TOBACCO SEED.

**YELLOW ORONOKO.** Used for first-class plug fillers, and makes, when sun cured, the best natural Chewing Leaf; a favorite wherever known.

**WHITE BURLEY.** This variety is especially valuable to manufacturers, either for cut or plug tobacco. It is sometimes used for wrappers.

## Aromatic Medicinal and Pot Herbs.

Varieties with a \* are Perennials.

	Pkt.	Oz.
Anise (Anis).....	5c	10c
*Balm (Melisse).....	5c	25c
Belladonna (Tollkirsche).....	5c	30c
Basil, Sweet (Basilicum).....	5c	15c
Borage (Gurkenkraut).....	5c	15c
*Caraway (Kummel).....	5c	10c
Coriander (Korlander).....	5c	10c
Dandelion (Loewenzahn).....	5c	10c
Dill (Dill).....	5c	10c
*Fennel (Fenchel).....	5c	10c
*Lavender (Lavendel).....	5c	25c
Marjoram (Marjoran).....	5c	15c
*Rosemary (Rosmarin).....	5c	25c
*Rue (Route).....	5c	25c



Sage.



Marjoram.

	Pkt.	Oz.
Sage (Salbei) ¼ lb. 50c....	5c	15c
Saffron (Safran) kraut....	5c	15c
*Summer Savory Bohnen'	5c	15c
Sorrel (Sauerampfer).....	5c	25c
*Thyme (Thymian).....	10c	20c
*Wormwood (Wermuth).....	5c	15c

## Martynia.

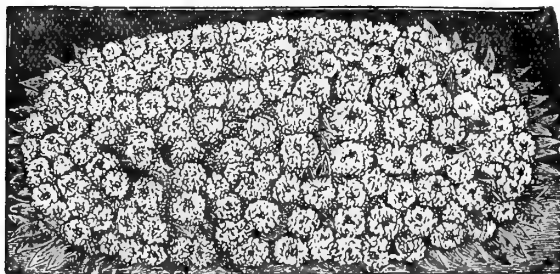
**MARTYNIA PROBOSCIDEA.**

For pickling. Pkt., 5c; oz., 30c; ¼ lb., \$1.00.

## FLOWER SEEDS.



*Aster—Victoria.*



*Alyssum. Little Gem or Carpet of Snow.*

—**MARITIMUM.** Very sweet scented.—Oz., 30c; pkt., 5c.  
 —**LITTLE GEM OR CARPET OF SNOW.** We know of no other white flower which is so particularly well adapted for borders, ribbons, etc., as our Little Gem. It is of Dwarf, compact habit, 4 to 6 inches in height, each plant covering a circle of about 15 inches in diameter. The plants commence to bloom when quite small and soon become one mass of white, remaining in full bloom from spring until fall. Each plant being densely studded with the beautiful miniature spikes of delicious fragrant flowers.—Oz., 40c; pkt., 5c.

**Acquilegia.** (Columbine). Hardy perennial plants, ornamental both in growth and flowers, and no bed of perennials would be complete without a due proportion of Columbine.—Double mixed, pkt., 5c.

**Ageratum.** Mexicanum—Very attractive plants for bedding; constant bloomers; colors bright blue and pure white.—Pkt., 5c.

### *Asters.*

It is unnecessary to dwell on the great beauty of these popular flowers, as they are appreciated by everyone. Sow the seed early in the spring under glass or in pots in the house and transplant in May about one foot apart.

**VICTORIA.** The most handsome Aster in cultivation; flowers large and perfectly double, or globular shape and beautifully imbricated, 1½ feet high. Apple Blossom, pkt., 10c; Pure White, pkt., 10c; Crimson, pkt., 10c; Pink, pkt., 10c. Many colors, finest mixed, pkt., 10c; ¼ oz., 25c.

**PAEONY FLOWERED.** Flowers large, brilliant, very double and imbricated; resembling those of the Paeonies, 1½ to 2 feet high.—Mixed colors. Pkt., 10c; 1-8 oz., 25c.

**GIANT COMET OR POODLE.** The Comet Aster is well known for its unique appearance, resembling the Japanese Crysanthemums; but in this beautiful race of Giants we have not only the twisted, curled and crested forms of the old Comet, but much larger and more striking flowers. The petals are longer and broader with the same beautiful wavy appearance of this class; 18 inches high. Mixed colors; pkt., 10c; ¼ oz., 35c.

**SEMPLE'S BRANCHING.** The plants are of branching habits, producing twenty or more perfect flowers, borne on long, stiff stems.—Mixed colors; pkt., 10c; ¼ oz., 35c.

**DWARF QUEEN.** The finest Dwarf Aster. It forms low bushy plants about 10 inches high of compact habit of growth, producing a great number of extra large flowers which resemble in shape those of the Victoria Aster. Mixed colors; pkt., 10c; ¼ oz., 25c.

**Alyssum.** Pretty little plants for beds, vases, edgings, or rock work, with delicate white flowers of exquisite fragrance.



*Aster—Giant Comet or Poodle.*

*Antirrhinum. (Snap Dragon.)*

**Antirrhinum.** (Snap Dragon.) An old garden favorite with odd shaped flowers and pretty spotted throats, succeed in any good garden soil. They blossom the first season from seed sown in the spring. Tender perennial.—Dwarf Sorts mixed. pkt., 5c.

**Amaranthus.** Caudatus. (Love Lies Bleeding.)—Pkt., 5c.

Tricolor. (Joseph's Coat.)—Pkt., 5c.

**Splendens.** (Rainbow Plant.) Plants of upright growth; the inner foliage is of a dark, blackish bronze, while the outer foliage is an intense flaming crimson.—Pkt., 5c.

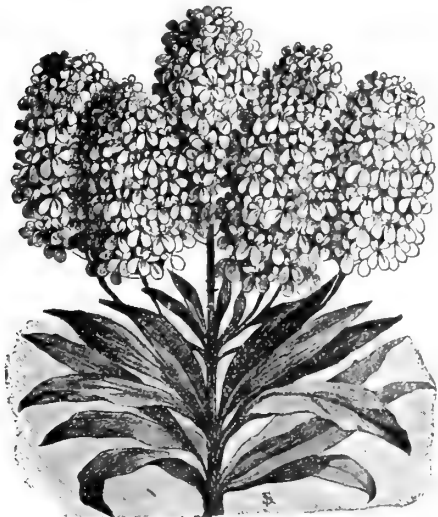
**Calendula.** (Pot Marigold.) Sow the seed early in the open ground and they will bloom profusely from June until frost.

—**ORANGE KING.**—The grandest and best of all the Marigolds.—Pkt., 5c; ½ oz., 15c.

**Candytuft.** New Giant Hyacinth Flowered.

This improved new strain is far superior to that well-known kind, Empress, heretofore the best of its class. The flower-heads are of immense size, 6 inches long and about 3 inches across, resembling a Dutch Hyacinth. They are pure white, and furnish excellent material for cutting. Seed sown in April, flowers from July till frost.—Pkt. 10c; ½ oz., 20c.

Older sorts in mixed colors—Pkt., 5c; oz., 20c.

*Candytuft: New Giant Hyacinth Flowered.*

**Balloon Vine.** (Love in a Puff.) A rapid growing climber with peculiar inflated capsules, 5 ft., pkt., 5c.

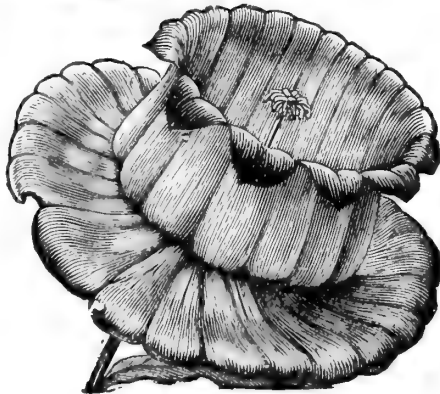
### Balsams.

(Lady Slippers or Touch me-Not.)

To produce very double flowers they must be transplanted from the seed bed into rich soil; cut out some of the side branches when small. Sow the seed in March and transplant when three inches high.

**BALSAMS.** Double Camellia Flowered. Undoubtedly the showiest and most attractive variety of Balsam.—Mixed colors, ¼ oz., 25c; pkt., 5c.

**DOUBLE ROSE FLOWERED.** Has perfectly double roselike blossoms of almost every shade and colors.—Mixed colors, ¼ oz., 20c; pkt., 5c.

*Balsams: Double Camellia.**Canterbury Bell (Cup and Saucer.)*

**Canterbury Bell.** (Campanula.)—Cup and Saucer—A very striking and beautiful variety, and a most desirable and attractive addition to this class of old garden favorites; the flowers are nearly four inches in diameter resembling a cup and saucer.—Mixed, Pkt., 5c.

—**PERENNIAL SORTS.** Mixed, pkt., 5c.

**Carnation. New Dwarf Margaret Carnation.** A carnation that blooms the first year from seed. The plants are of dwarf, compact habit, and flower most abundantly, and throughout the whole year; 80 per cent of the flowers are very double, never burst and embrace a great variety of color. One eighth oz., 25c; Pkt., 125 seeds, 10c.



*New Dwarf Margaret Carnation.*

**Calliopsis.** Showy and beautiful free flowering annuals; blooming all summer and excellent for cutting.

—**Golden Wave.**—Plant very bushy and compact; about two feet high and covered from July to October with hundreds of beautiful golden blossoms, two inches across, marked with dark brown in center. Pkt., 5c;  $\frac{1}{4}$  oz., 10c.

**Chrysanthemum.** (Annual.) No annual furnishes so many cut flowers as these, which bloom plentifully throughout the summer, sow seed early in spring in hallow drills and thin out or transplant, plants to 10 in. apart—Single and double varieties mixed. Pkt., 5c; oz., 15c.

**Centaurea.** (BACHELOR'S BUTTON.) Very free-blooming, hardy annuals. Also called Blue Bottle, etc.

—**Marguerite.**— This novelty is entirely distinct from all other Centaureas and undoubtedly the most beautiful known. The plants grow about eighteen inches high and are of the easiest culture. The large flowers are of purest white, deliciously scented, exquisitely lacinated, and freely produced on long stems, which render them valuable for cutting. In unique beauty it is entirely unlike any other flowering plant and sure to excite admiration wherever grown.—Pkt., 50 seeds, 5c.

**MIXED.** Bachelor's Button, Pkt., 5c;  $\frac{1}{4}$  oz., 10c.

**Cypress Vine.** (Ipomoea.) A most beautiful climber with delicate, dark-green foliage and an abundance of bright, star-shaped rose, scarlet and white blossoms. Do not plant the seed till the ground is thoroughly warmed. White, pink, crimson, pkt., 5c; mixed, oz., 25c; pkt., 5c.



*Cobaea Scandens.*

### **Cobaea Scandens.**

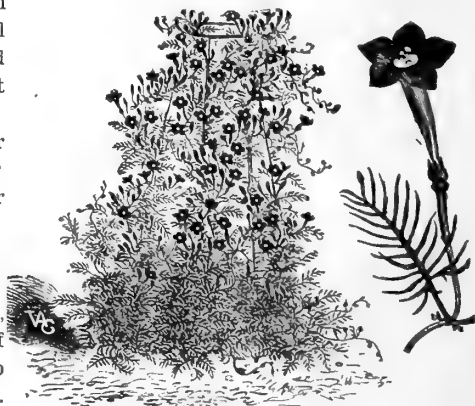
A magnificent quick growing climber with beautiful foliage and large bell shaped flowers. Plant the seed edgewise in moist earth and cover only slightly. Pkt., 5c.

**Cannas. "New Giant Flowered Crozy Type."** Our seed has been saved from a beautiful

collection, comprising over fifty kinds. Soak the seed in hot water from 12 to 24 hours before sowing. When young plants show two or more leaves, they should be transplanted. Seed sown in February or March will make flowering plants by July. All varieties and colors, mixed, pkt., 5c (10 seed); oz., 20c.



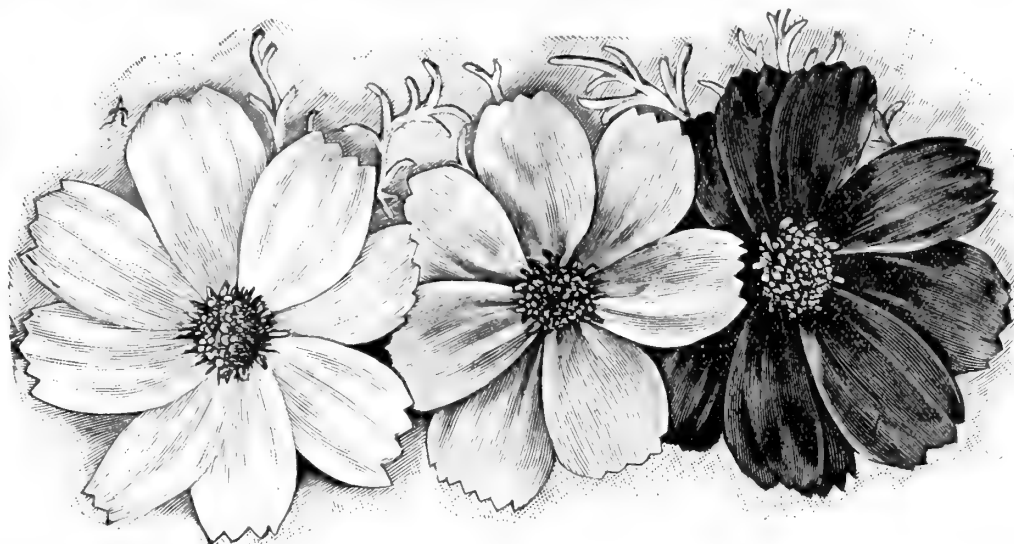
*Cannas, New Giant Flowered Crozy Type.*



*Cypress Vine.*



MAMMOTH PERFECTION.



GIANTS OF CALIFORNIA.

**Cosmos.** A very effective autumn flowering plant. Quite hardy and rapid growing, forming bushes often four to six feet high, and covered with large single dahlia-like flowers. Sow the seed early in spring thinly in drills, or two or three seed may be planted in places where seed are to bloom; have the plants stand about 2 feet apart.

—**MAMMOTH PERFECTION.** (Giants of California.) It is impossible to describe adequately these exquisite new varieties. There are monstrous white flowers with flecked and pinked edges; the dark crimson flowers resemble large, single Dahlias; the tinted varieties are charming, and others again are flushed with mauve and pink. The flowers measure from 3 to 4 inches across.—Mixed colors, pkt., 5c; ½ oz., 15c; white, pkt., 5c; ¼ oz., 10c; pink, pkt., 5c; ¼ oz., 10c.



*Cockscomb—President Thiers.*

**Cockscomb.** (Celosia.) Highly ornamental plants, producing crested heads, somewhat resembling a cock's comb. Start in the house and transplant about the last of May.

—**PRESIDENT THIERS.** One of the most dwarf of all cockscombs, bears largest crimson combs; if planted alongside of rows of Golden Feverfew and Dusty Miller it will make one of the most brilliant strips of border bedding. It is also a very handsome pot plant. Pkt., 10c.

Dwarf Varieties Mixed. Pkt 5c.

**Dahlias.** When sown early Dahlias will bloom the first year from seed. Double mixed, pkt., 10c; single mixed, pkt., 5c.

When  
Your  
House  
Plants  
are not  
Doing  
Well  
Use  
Armour's  
PLANT  
FOOD.

½ lb. 15c.  
1 lb. pkg.  
25c.



*Dianthus—Heddegi Diadematus fl. pl.*

**Dianthus or Pink.** Double Chinese Pink.

Pkt. 5c, ½ oz. 20c.

—**HEDDEWIGI DIADEMATUS FL. PL.** Beautiful double flowers of the brightest colors, handsomely fringed and borne on long stiff stems. Pkt., 5c.

—**MOURNING CLOAK.** The most striking of all pinks; rich blackish, velvety crimson, margined with pure white. Pkt., 5c.

**Delphinium.** (Larkspur.) One of the most showy and useful hardy perennials, producing splendid spikes of flowers in profusion throughout the summer; invaluable for large gardens. If sown early they bloom the first year from seed. Choice annual mixed, pkt., 5c.



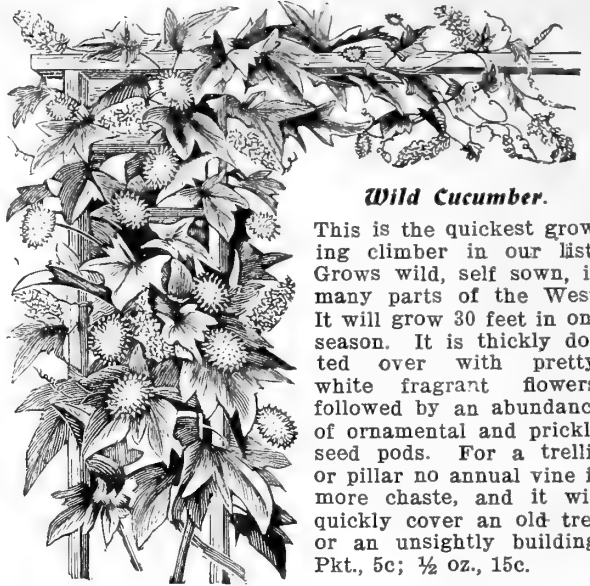
*Climbing Dolichos—Princess Helen.*

**Climbing Dolichos.** (Hyacinth-Bean.) Princess Helen (Daylight). One of the prettiest climbers and certainly the most beautiful among the Dolichos or Hyacinth-Beans. Of very rapid growth, the plant is indifferent to bad weather, and it will grow to a height of 15 feet by mid-summer. The flowers which appear in great numbers, are snow-white, sweet-scented and are followed by cream-colored pods which hang to the plants until late in the fall. Pkt., 5c; oz., 35c. Mixed, older sorts, pkt., 5c; oz., 20c.



*Double Daisies.*

**Double Daisies.** (Bellis Perennis fl. pl.) Very pretty flowers, desirable for borders; can be easily raised from seed sown in spring. Double white, pkt., 5c.



**Wild Cucumber.**

This is the quickest growing climber in our list. Grows wild, self sown, in many parts of the West. It will grow 30 feet in one season. It is thickly dotted over with pretty, white fragrant flowers, followed by an abundance of ornamental and prickly seed pods. For a trellis or pillar no annual vine is more chaste, and it will quickly cover an old tree or an unsightly building. Pkt., 5c; ½ oz., 15c.

**Escholtzia.** (California Poppy.) A genus of the Poppy family, and fully as valuable as the common Poppy for garden ornamentation, and as easily grown. Do not transplant. Height, one foot.

—**THE GOLDEN WEST.** The flowers have large overlapping petals, which are often delicately waved at the edges, showing beautiful and varied forms. The color is an intense shining yellow with an orange blotch at the base of the petals. Pkt., 5c.

**Foxglove.** (Digitalis.) Plants grow to about three to four feet and produce dense spikes of brilliantly colored flowers. A valuable flower in every perennial garden. Pkt., 5c.

**Forget-me-not.** (Myosotis.) Beautiful little plants with star-like flowers, blooming the first year if sown early. Pkt., 5c.

**Four O'Clocks.** (Mirabilis or Marvel of Peru.) Large growing shrub like plants, with funnel-shaped flowers of many colors. Mixed, pkt., 5c; oz., 15c.

**Geraniums.** These grow readily from seed and produce blooming plants the first summer, and there is always the chance of securing something new and desirable in that way. Splendid mixed. Pkt., 5c.



*Ornamental Gourds.*

**Gourds.** A class of rapid-growing annual climbers which attain a height of 20 ft. in a season, and are most useful for covering old trellises, fences, stumps, verandas, etc.

Dish Cloth .....	pkt. 5c
Nest Egg .....	pkt 5c
Dipper .....	pkt 5c
Sugar Trough .....	pkt 5c
Apple Shaped .....	pkt 5c
Pear Shaped .....	pkt 5c
Mixed ...	pkt 5c
oz., .....	25c



*Gaillardia. (Picta Lorenziana.)*

**The Hollyhock** in its present state of perfection, is very unlike its parent of olden times. It now ranks with the Dahlia, Aster, etc., being exceedingly rich and varied in color, and as double as a rose. All our seed of this beautiful plant have been saved from the finest and largest double flowers only and will produce flowers extremely double, and in the best, brightest and most charming colors. Charter's finest mixed, pkt., 10c.

**MAMMOTH ALLEGHENY**, Pkt., 60 seeds, 10c.



*Gaillardia Grandiflora—A beautiful New Hardy Flower.*

**Heliotrope.** A well known old variety; its delightful perfume makes it a most desirable bouquet flower. Pkt., 5c.

**Lobelia.** Exceedingly pretty and of value chiefly for hanging baskets and border work.

— **CRYSTAL PALACE COMPACTA.** Deep blue, for bedding. Pkt., 5c.

**Marigold** The African and French Marigolds are old favorites; the former have uniformly large yellow or orange colored flowers and are well adapted for large beds; the latter are dwarfier in growth, with beautifully striped flowers and better suited for bedding purposes; succeed best in light soil with full exposure to the sun.

**Double Tall African.** Mixed, oz., 40c; pkt., 5c.

**Double Dwarf French.** Mixed, oz., 50c; pkt., 5c.

**Legion of Honor.** A beautiful single dwarf, bushy variety, bearing rich golden yellow flowers, marked with velvety brown; about 9 inches high. Pkt., 5c.

**Gaillardia.** Splendid bedding plants, remarkable for the profusion, size and brilliancy of their flowers, continuing in bloom during the summer and autumn.

— **GAILLARDIA GRANDIFLORA COMPACTA.** A beautiful new hardy flower. New compact growing varieties of the hardy perennial Gaillardias, forming round bushes of about 12 to 15 inches in height and bearing its long-stemmed blossoms perfectly upright. The colorings of the flowers are rich and varied. As the plants produce their flowers most profusely and in constant succession from June to Autumn. This novelty with its improved habit will prove to be one of the most desirable of all hardy perennials grown for cut-flowers. Pkt., 10c; 2 for 15c.

— **Picta Lorenziana.**

A charming profuse double flowering strain of the hardy Gaillardia, beautifully mixed colors. Pkt., 5c.



*Hollyhock: Charter's.*



*Marigold: Legion of Honor.*

**Japanese Hop.** (*Humulus Japonicus*.) A splendid annual climber of rapid growth withstands heat, drouth and insects; remains fresh until late in the fall. Pkt., 5c.

For roots  
see plant  
department.  
Page 43.

## Giant Japanese Morning Glory.

Nothing among flowers can furnish a more beautiful sight than a screen or trellis of these "Giant Japanese Morning Glories."

The plants obtain a growth of 20 feet by mid-summer. The leaves are large heart-shaped, many of them a rich dark color, marbled with silvery white or yellow. The flowers are really gigantic, being double the size of the ordinary kind; their main attraction, however, is not their enormous size, but their wonderful coloring. Their varieties of color are infinite, running from snow-white through all possible shades of blue, and of red from palest pink to darkest reds and purples. They are streaked, mottled, striped, marbled and sometimes show rare shadings of ash-blue bronze, brown and slate-blue colors rarely found in any other flowers.

Soak the seed in water for 24 hours before sowing. Best single fringed mixed, pkt., 5c; oz., 25c.

**Morning Glory.** (CONVOLVULUS.) The best known and most popular climber.—Tall varieties mixed, pkt., 5c; oz., 10c; ¼ lb., 25c.

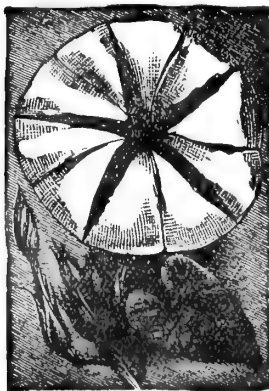
**Helichrysum.** (Everlasting Flower.) Splendid for bouquets. Can be dyed any color. Mixed, pkt., 5c.

**Mignonette.** (Reseda Odorata.) A well known annual, producing dense, semi-globular heads of exceedingly fragrant flowers.—**AMELIORATA.** Very sweet scented. Pkt., 5c; oz., 15c.

—**GIANT MACHET.** There is no Mignonette which can equal this. Its flowers are larger in every way than those of other sorts, the spikes are very dense, its foliage is distinct, while its odor is strong and most delicious. The plant is of robust habit, pyramidal in form, and grows about 12 inches high. It is the best Mignonette for all purposes, either in pots or for the garden. Pkt., 10c.

### Moon Flower.

White. The most beautiful of annual climbers. In rich, warm ground the plants readily grow twenty-five feet high. The larger flowers open at dusk, or earlier on cloudy days, at which time they are deliciously fragrant. Pkt., 10c; Moon Flower Plants, 15c each; prepaid, 20c.



White Moon Flower.

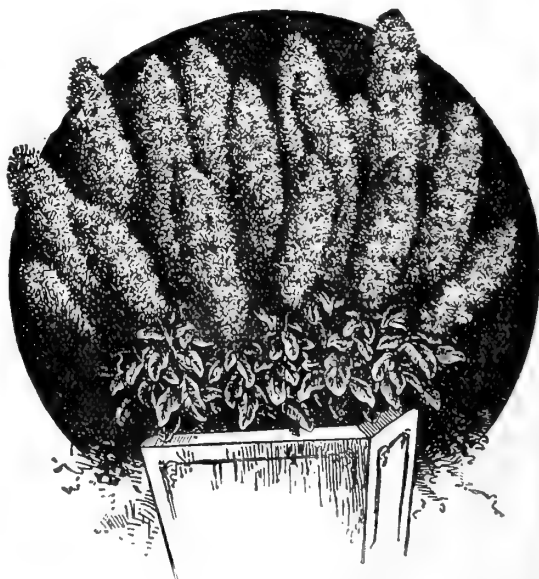
**Raffia and Rattan**  
for Indian Basket Work

**We Have It!**



Giant Japanese Morning Glory.

**Maurandia.** Graceful climber, for conservatory, parlor baskets, or outdoor purposes; with rich purple, white and rose, tube shaped flowers. Pkt., 5c.



Mignonette: Giant Machet.



**NEW CLIMBING NASTURTIUM.** Mad.

Guenther's Hybrids.) For richness and variety of colors, these new hybrids have no equal among Nasturtiums. There are shades of rose, salmon, brightest red, pale yellow, either as self colors or spotted and striped. The foliage is mostly dark and contrasts very effectively with the rich colors. Oz., 10c; Pkt., 5c.

**PRINCE HENRY.** Flowers beautiful golden yellow, spotted and marbled with brilliant scarlet; deep green foliage. Pkt., 5c; oz., 10c.

**DWARF MIXED.** Pkt., 5c; oz., 15c; ¼ lb., 30c.

**Nasturtiums. Tall Varieties.**

**CAPRICE.** The flowers are wonderfully rich and brilliant in markings, showing many combinations of coloring; dark foliage. Pkt., 5c; oz., 20c.

**FIREFLY.** Dark orange, spotted and flamed blood red; foliage and stems dark. Pkt., 5c; oz., 20c.

**PRINCESS VICTORIA LOUISE.** One of the most beautiful and remarkable varieties. The large flowers are cream white with orange scarlet blotches. Pkt., 5c; oz., 20c.

**PRINCE HENRY.** Shining yellow, marbled bright scarlet. Pkt., 5c; oz., 10c.

**KING THEODORE.** Rich, deep red, dark leaves; most striking variety of its class. Pkt., 5c; oz., 15c.

**EDWARD OTTO.** Velvety bronze. Pkt., 5c; oz., 10c.

**HEINEMANNI.** Silky bronze chocolate. Pkt., 5c; oz., 10c.

**TALL MIXED.** A very choice mixture of the best named sorts, including some "Lobb's Nasturtiums" and the beautiful "New Hybrids." Pkt., 5c; oz., 15c; ¼ lb., 30c.

**LOBB'S NASTURTIUM.** As easily grown as the common Tall Nasturtium, which they far surpass in brilliancy of their flowers, in height, rapid growth and freedom of bloom. Pkt., 5c; oz., 15c; ¼ lb., 40c.

**DWARF VARIETIES.**

**EMPRESS OF INDIA.** Flowers of dark, rich, salmon scarlet, dark green foliage. Pkt., 5c; oz., 15c.

**AURORA.** Deep chrome yellow, the two lower petals blotched and varied carmine. Pkt., 5c; oz., 10c.

**KING THEODORE.** Dark maroon, bluish green foliage. Pkt., 5c; oz., 10c.

**KING OF TOM THUMBS.** Scarlet, dark foliage. Pkt., 5c; oz., 10c.

**GOLDEN CLOTH.** The foliage is of a bright yellow, while the flowers are intense scarlet. Pkt., 5c; oz., 10c.

**PRINCE HENRY.** Flowers beautiful golden yellow, spotted and marbled with brilliant scarlet; deep green foliage. Pkt., 5c; oz., 10c.

**DWARF MIXED.** Pkt., 5c; oz., 15c; ¼ lb., 30c.



*Lobb's Nasturtium.*

**Chameleon Nasturtium.**

This new strain of Nasturtiums is a most remarkable advance in this brilliant family. We find that in richness and variety of colors it surpasses any other strain, and is also unique in bearing flowers of quite distinct colorings on one and the same plant some clear, deep crimson, others blotched on light ground and other beautifully mottled.

**TALL CHAMELEON.** Pkt., 5c; oz., 15c.

**DWARF CHAMELEON.** Pkt., 5c; oz., 20c.



*Chameleon Nasturtium Showing Different type.*

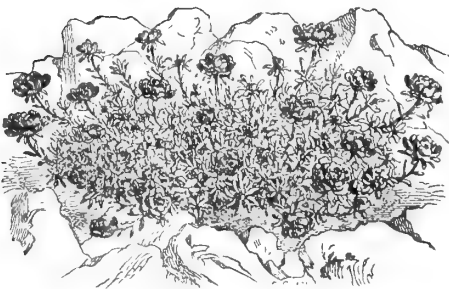
*Nicotiana Affinis.****Nicotiana Affinis.* (Sweet scented Tobacco Plant.)**

A handsome genus of garden plants of the tobacco family, noted for the freedom and fragrance of their bloom. Half hardy annuals, three feet high. Flowers white, salver shaped, having long, tubular corollas, and are of exquisite fragrance. Deserves a place in every garden. Pkt., 5c.

***Portulaca.*** There is scarcely any flower in cultivation that makes such a dazzling display of beauty as a bed of many-hued brilliant-colored *Portulacas*. They thrive best in a rather rich, light loam or sandy soil, and an exposed sunny situation.

Single mixed, pkt., 5c;  $\frac{1}{2}$  oz., 25c.

Double mixed, a very fine strain producing a great many double flowers, pkt., 10c;  $\frac{1}{2}$  oz., 75c.

*Double Portulaca.*\* \* **Pansies.** \* \*

**CULTURE.**—Pansies grow best and produce the largest flowers in light rich soil, and cool moist weather. Sow the seed thinly in quite shallow drills, as early in the spring as the soil can be dug in fine loose condition.

When the young plants are well started, thin them out or transplant in fresh beds, setting them eight to ten inches apart each way. The seed might also be sown in boxes in the house in February or even as early as January, and kept very cool after started.

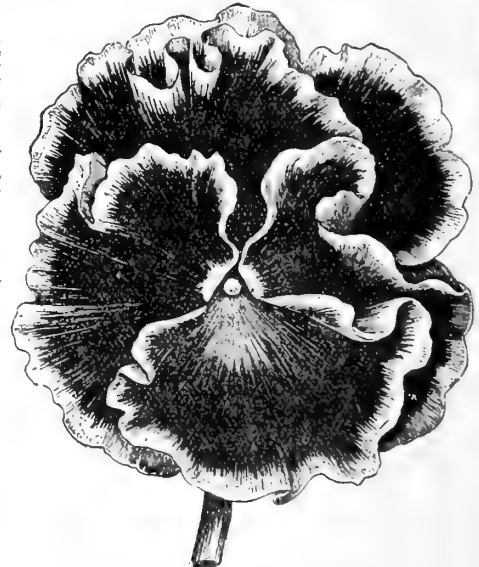
Many colors in good mixture. Pkt., 5c; one-eighth oz. 20c.

**PARK BEDDING VARIETIES.** The plants are of even growth; the flowers are large and well above the foliage; a fine strain for bedding purposes.

Odier, large five spotted.....	Pkt. 10c
Peacock, purple and peacock blue.....	Pkt. 10c
Meteor yellow spotted with mahogany brown...	Pkt. 10c
Striped or Fancy, very fine.....	Pkt. 10c
Coal Black, jet black .....	Pkt. 10c
Beaconsfield, violet shading to white.....	Pkt. 10c
Pure yellow, fine for bedding.....	Pkt. 10c
Snow Queen, pure white.....	Pkt. 10c

Many colors in splendid mixture, Pkt., 10c; 1-8 oz. .... 30c

**BEST GERMAN AND GIANT FRENCH MIXED.** Cold type cannot convey an idea of the indescribable richness, the varied and exquisite coloring, the large size, perfect form and great substance of these lovely flowers. The strain of pansy which we here offer comprises a beautiful collection of colors and markings, and we are confident it will prove satisfactory for perfection of form, firmness of texture, freedom of bloom and elegance of coloring. Many of the flowers are of mammoth proportions, measuring from two to three inches across, variously striped, blotched, veined and marked. The plants are compact and bushy and produce great quantities of flowers borne well above the foliage on strong stems. Pkt., 15c;  $\frac{1}{2}$  oz., \$1.00.

*New Curled Giant Pansy "Masterpiece."****Pyrethrum.***

(Feverfew)

Very useful and universally admired bedding plants, deserving a place in every garden.

***Aureum.***

(Golden Feather.)

Beautiful gold-leaved bedding plant; used largely for ribbon bedding. Pkt., 5 cts.

***New Curled Giant Pansy. "MASTERPIECE."***

A remarkable new type which will, without doubt, be warmly welcomed by the numerous lovers of this beautiful class of plants. This strain comes nearer to "Double Pansy" than anything ever introduced under that name. In reality the number of petals is the same as that of other pansy flowers, but they are crimped and curled in such a fashion that flowers appear double. The flowers are of enormous size, often 3 inches across, and the color, variations and combinations are odd and striking. The plants are unusually strong and healthy, holding their large handsome flowers well up above the foliage. Pkt., 15c.

### Petunias.

Beautiful free blooming plants of easy cultivation. They commence flowering early and continue a mass of bloom throughout the season. Sow the seed any time in the spring in shallow drills or broadcast and when well started thin out or transplant to stand one foot apart each way. The seed of the double and giant flowered varieties is so expensive that it would be advisable to sow it in boxes in March or April and transplant later.

**CHOICE MIXED.** A very fine strain, including many of the large flowering varieties. Pkt., 5c; ½ oz., 25c.

**SINGLE LARGE FLOWERING FRINGED.** A choice selection; the flowers are of very large size and beautiful shape; deep throated, and of varied and brilliant colors, and beautifully fringed. Pkt., 20c.

**DOUBLE LARGE FLOWERING FRINGED.** Will produce a large percentage of double flowers; of largest fringed varieties in bright colors and tints. Pkt., 25c.

### Poppies.

These old fashioned flowers are at present like the well-known Dahlias, regaining their

old-time popularity.

This is not strange when we consider how little time is required for their culture. Their

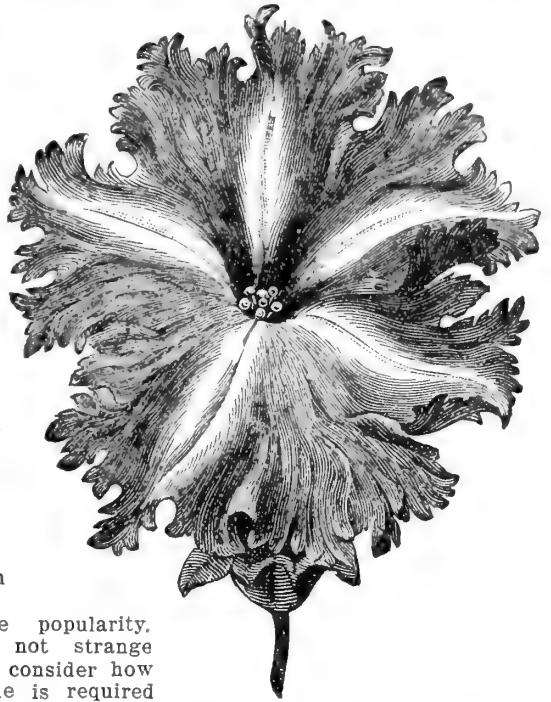
brilliant, dazzling colorings and wonderful variety make a very effective display in the garden or for cut-flowers.

**SHIRLEY, SILK OR GHOST POPPY.** The Shirley Poppy is not new, but the stock we have to offer will be a revelation to all lovers of the beautiful. The plants grow about 2½ ft. high, with large finely shaped flowers, being generally single or semi-double, and running through a great variety of colors, especially strong in shades of terracotta and combinations of this with pink. Pkt., 5c.

**TULIP POPPY.** Produces large splendid, bright scarlet flowers, strikingly beautiful, reminding one of a dazzling bed of tulips; fourteen inches high. Pkt., 5c.

**CARNATION FLOWERED.** Splendid double fringed flowers of various colors. ¼ oz., 15c; pkt., 5c.

**MIKADO.** The large, double flowers are brilliant scarlet and white, with elegantly curved petals. Pkt., 5c.



*Petunia—Single Large Flowering Fringed.*



*Poppy—Carnation Flowered.*

**ICELAND POPPY.** Hardy perennial; blooming the first year from seed; of graceful, neat habit, with bright green, fern-like foliage. The colors range from purest white to the deepest orange-scarlet. One foot high. Pkt., 10c.

### Sweet William.

(**DIANTHUS BARBATUS.**) The seed can be planted very early in the spring and will blossom the following summer, or sown in August will make blooming plants for spring.

Single Mixed. Pkt., 5c.

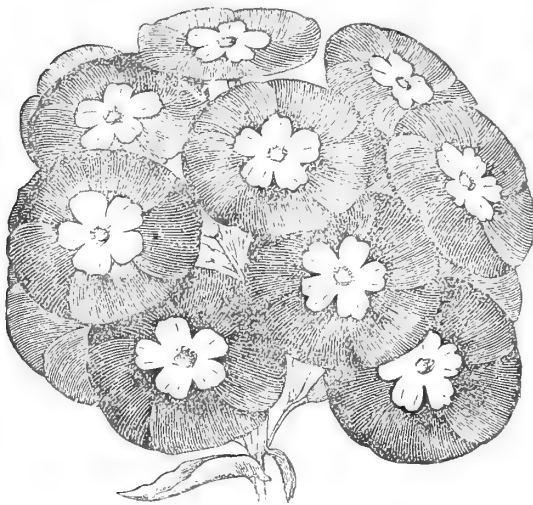
Double Mixed. Pkt., 10c.

### Sunflower.

**HELIANTHUS.** Double varieties mixed, from 12 to 15 inches in diameter; globular and extremely double; the most effective of all annual sunflowers. Pkt., 5c.



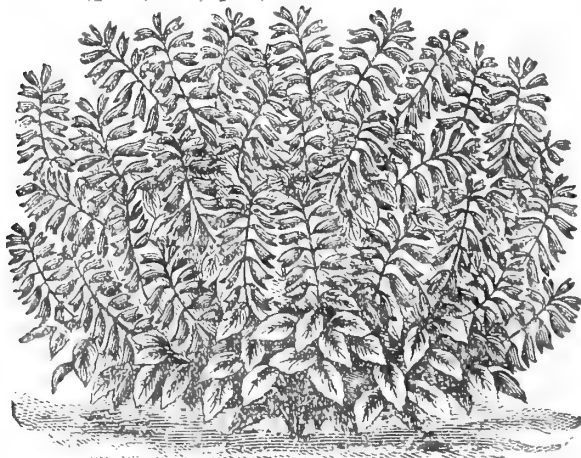
*Shirley, Silk or Ghost Poppy.*



*Phlox—Drummondii Grandiflora*



the varieties heretofore known. The plant grows from 10 to 15 feet high and the leaves measure about 30 inches across. Mixed varieties  $\frac{1}{2}$  oz., 20c; pkt., 5c.



*New Scarlet Sage—"Clara Bedman,"*

## Phlox.

There is no annual which can be compared for beauty and brilliancy of colors to the Phlox; their long duration in bloom combined with their almost unequaled richness of color, render them of invaluable service. Sow the seed thinly in shallow rows and thin out or transplant the plants when 2 in. high, about 6 in. apart.

Many colors, mixed,  $\frac{1}{4}$  oz., 15c; pkt., 5c.

Large Flowering Varieties, mixed,  $\frac{1}{4}$  oz., 25c; pkt., 10c.

**STAR OF QUEDLINBURG.** A very striking variety. The growth is dwarf and the habit very compact; the flowers are very distinct and of regular star-like appearance thus producing a most brilliant effect. Many colors, mixed, pkt., 10c.

**Dwarf Phlox.** A lovely strain, the plants growing very symmetrical in neat little bushes about six to eight inches high and covered with bright flowers during the whole summer and fall; much superior to the other Phloxes for ribbon bedding or borders. Mixed, pkt., 10c.

**SNOWBALL.** Flowers pure white, pkt., 10c.

**FIREBALL.** Glowing, brilliant scarlet, pkt., 10c.

**Ricinus.** (Castor Bean.) Picturesque foliage plants that rapidly attain gigantic proportions and are ornamental until destroyed by frost. Many sorts mixed, oz., 20c; pkt., 5c.

—**Cambodgensis.** Large palm-like leaves of brilliant bronzy-red, stalks nearly black. Pkt. 5c.

—**New Zanzibar.** A new and distinct class which surpass in size and beauty all



*Ricinus—New Zanzibar.*

## Salvia. (Flowering Sage.)

Most gorgeous plants, with intensely vivid scarlet flowers; a bed of them surpasses the finest scarlet geraniums in brilliancy and continuous bloom.

—**SPLENDENS.** (Scarlet Sage.) Pkt., 5c.

—**PATENS.** The purest and brightest blue of all flowers. Pkt., 10c.

—**CLARA BEDMAN.** (Bonfire.) This new, large, flowering Salvia forms handsome globular bushes about two feet high by two feet in diameter. The spikes grow erect, and stand clear above the foliage, completely covering the plant, and are of almost brilliant dazzling scarlet. Pkt., 10c.

## Scabiosa. (Mourning Bride)

One of the handsomest summer plants; producing in great profusion very double flowers in a variety of shades and colors. A splendid flower for table bouquets; 1 to 2 ft. Mixed sorts, pkt., 5c.



## SWEET PEAS.

### A Selection of the Best New Sweet Peas of Recent Introduction.

**CULTURE**—The seed should be sown as early as the ground can be worked in the spring to enable the vines to get a good strong growth before the warm weather comes. Prepare the ground by thoroughly working in a quantity of well rotted manure. Make a trench 6 inches deep, in this sow the seed 2 inches deep. As soon as the plants begin to show through, fill in the trench. This will secure a deep planting without the bad effects of deep covering of the seed at first. As the flowers come into full bloom or fade, they should be cut off, for if the pods are allowed to form, the plants will stop blooming. **RE-MEMBER**—1st. Sweet Peas do best in compact settled ground. 2nd. Do not loosen the soil around the plants and give only a shallow surface cultivation. 3rd. Plant the seed in a warm sunny spot. 4th. Sweet Peas should not be raised for two successive seasons on the same ground. 5th. Excessive manuring with stable manure in the row immediately before sowing the seed is not desirable.

**AURORA.** Standard and wings beautifully flaked with soft, bright orange salmon on a silvery-white ground. Pkt., 5c; oz., 10c; ¼ lb., 20c.

**BLACK KNIGHT.** A deep maroon, the darkest in color of all Sweet Peas. Pkt., 5c; oz., 10c; ¼ lb., 25c.

**BLANCHE FERRY EXTRA EARLY.** A week earlier than the original Blanche Ferry; pink and white. Pkt., 5c; oz., 10c; ¼ lb., 20c.

**BLANCHE BURPEE.** The flowers are very large, pure white, of splendid substance and the prettiest shape. Pkt., 5c; oz., 10c; ¼ lb., 20c.

**COUNTESS OF CADOGAN.** Bright shining violet, wings pure sky-blue; very effective in shade and attractive in form. The flowers are of the largest size. Pkt., 5c; oz., 10c; ¼ lb., 25c.

**DUKE OF WESTMINSTER.** Beautiful rosy-claret, of large size and beautiful hooded form. Pkt., 5c; oz., 10c; ¼ lb., 25c.

**FASHION.** The coloring is a soft shade of rose-magenta, deepening at base of standard. Pkt., 5c; oz., 10c; ¼ lb., 25c.

**GORGEOUS.** Bright orange-pink shaded rosy-lilac; flowers of good size; the color is most glowing and effective. Pkt., 5c; oz., 10c; ¼ lb., 25c.

**HON. F. BOUVERIE.** Soft pinkish salmon at base of standard and wings, shading to lighter salmon and buff at the edges; a most charming variety. Pkt., 5c; oz., 10c; ¼ lb., 25c.

**KATHERINE TRACY.** Soft rosy pink, light at edges; a fine large flower. Pkt., 5c; oz., 10c; ¼ lb., 20c.

**LADY GRISEL HAMILTON.** The best of all lavender sorts; flowers of fine hooded form and extra large size; very light and dainty in effect. Pkt., 5c; oz., 10c; ¼ lb., 25c.

**MAID OF HONOR.** Flowers beautifully shaded with light blue on a white ground edged with deep rich violet. Pkt., 5c; oz., 10c; ¼ lb., 20c.

**MRS. ECKFORD.** A beautiful shade of light primrose-yellow. Pkt., 5c; oz., 10c; ¼ lb., 20c.

**NAVY BLUE.** The large flowers are of a rich glowing violet-purple, having the effect of a dark navy blue; an entirely distinct color. Pkt., 5c; oz., 15c; ¼ lb., 30c.

**OTHELLO.** A deep maroon; very large size; standard slightly hooded. Pkt., 5c; oz., 10c; ¼ lb., 25c.

**PINK FRIAR.** Soft carmine-rose, delicately suffused on a silver-white ground. Pkt., 5c; oz., 10c; ¼ lb., 20c.

**PRINCE OF WALES.** Both standards and wings are striped with mauve on a silvery-white ground. Pkt., 5c; oz., 10c; ¼ lb., 20c.

**ROYAL ROSE.** A beautiful, large, almost self-colored flower. Color a rich rosy pink. Pkt., 5c; oz., 10c; ¼ lb., 20c.

**SALOPIAN.** The best of all the bright reds, both as to color and size of flower. Pkt., 5c; oz., 10c; ¼ lb., 20c.

**STELLA MORSE.** Beautiful cream colored with a delicate tinge of pink underneath, altogether producing a true apricot tint. Pkt., 5c; oz., 10c; ¼ lb., 25c.

**OUR BEST MIXTURE.** This mixture has been made up by ourselves in a most carefully arranged proportion of colors, including the cream of the standard sorts as well as the most recent novelties, and we can safely say it contains not "Only the Best," but "All The Best." Pkt., 5c; oz., 15c; ¼ lb., 30c; 1 lb., \$1.00.

**CHOICE MIXED.** Harvested in mixture. Large Pkt., 5c; oz., 10c; ¼ lb., 20c; 1 lb., 50c.



*New Emperor*

*Salpiglossis.*

Ease of culture is the first quality that commends the *Salpiglossis* thrives in any good garden soil to all amateur gardeners. It and in almost any situation, though like other flowers it responds readily to good treatment. The *New Emperor* strain is a very great improvement on the older type in its increased size of flowers, their improved shape and larger variety of colors, and more than all else in their singularly beautiful veinings of gold. These are the only flowers, to our knowledge, that show a glint of gold in their coloring. Pkt., 5c.

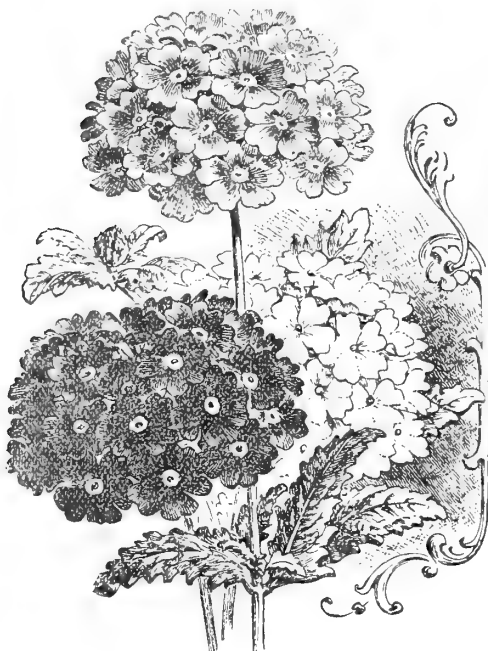
**BULBS, PLANTS and SHRUBS!**  
**DAHLIAS!** A beautiful assortment.  
**TUBEROSES!** Sure to bloom.  
**ROSES and HARDY PLANTS.**

**We have 'em all!**



**Sweet Violets.** Sow the seed in May, and when in flower in August or September, transplant in well enriched beds; soon after the snow is off in the following spring they begin to bloom out and throughout the spring will give a profusion of flowers. Finest, mixed, pkt., 5c.

**Stocks.** (Gilly Flowers.) The Ten Weeks' Stocks are generally cultivated and bloom from 10 to 12 weeks after being sown; they grow from 6 to 8 inches high bearing an immense quantity of bloom of delightful fragrance. Mixed, pkt., 10c.



*Verbenas: New Mammoth.*

**Verbenas.** Plants grown from the seed are not only cheaper but are strong and vigorous in growth, with rich dark green foliage, and continue in bloom until cut off by heavy frosts. Sow seed early in cold frame or shallow boxes of light, sandy soil, in a sunny window; or it may be sown thinly in shallow drills in open ground. When the young plants are well started they should be thinned or transplanted to stand 12 in. apart in the row.

—HYBRIDA. Fine Mixed. A very good strain. Pkt., 5c; ¼ oz., 30c.

—NEW MAMMOTH VERBENAS. Of unusual size, embracing a wide range of colors. Pkt., 10c; ½ oz., 40c.

**Chunbergia.** (Black-Eyed Susan.) Four feet beautiful climbers for hanging baskets and lawn vases; flowers trumpet-shaped, mixed colors. Pkt., 5c.

**Uinca.** They flower from seed, if sown early the first season, continuing until frost or they may be potted and kept in bloom through the winter.

—ROSEA. Rose, dark-eyed; pkt., 10c.

—ALBA PURA. Pure white, pkt., 10c.

**Gloxinia.** New Giant Flowered Hybrids. We know of no bulbous plants that will give such universal satisfaction as the Gloxinia. They are of unrivaled beauty, the soft velvety leaves being surmounted with a cluster of large, lovely trumpet-shaped flowers of exquisite coloring. They are of the easiest culture and bloom continuously for months. Plant the bulbs in a five-inch pot in good rich light soil, and give a partially shady situation. Mixed colors, each 10c; 3 for 25c. Seed, pkt., 10c.

**Raffia  
and  
Rattan  
for  
Indian  
Basket  
Work.**

**We Have It!**



*Zinnias—Giant Flowered Double.*

**Zinnias.** A very showy plant, with large, double, imbricated flowers, which might easily be mistaken for dwarf Dahlias. Sow the seed thinly in drills early in the spring, transplanting the young plants when 2 or 3 in. high to stand from 1½ to 2 ft. apart; or 2 or 3 seeds may be planted in a slightly raised hill.

—GIANT FLOWERED DOUBLE MIXED. This is a mixture of the largest Zinnias yet obtained; including the curled and crested varieties, with its most fantastic and graceful forms, as well as the Mammoth Zebra strains; with its curious markings. Pkt., 5c.



*Gloxinia.*

**BULBS AND PLANTS.*****Gladiolus in Colors.***

If to go by mail, add 5c per dozen.

These mixtures will be found to contain flowers equal to finest named kinds and a great range of shades, colors and markings. In assorted dozens you may rely on nearly every bulb to produce a different flower. The Scarlets produce many shades of red and variations. This is also the case with the Whites, which vary to light pink and lemon-tinted. Our mixtures contain all full-sized bulbs only; not bulblets. Plant in April and May about 3 inches deep; in the fall the bulbs may be taken up and stored in a dry, cool place.

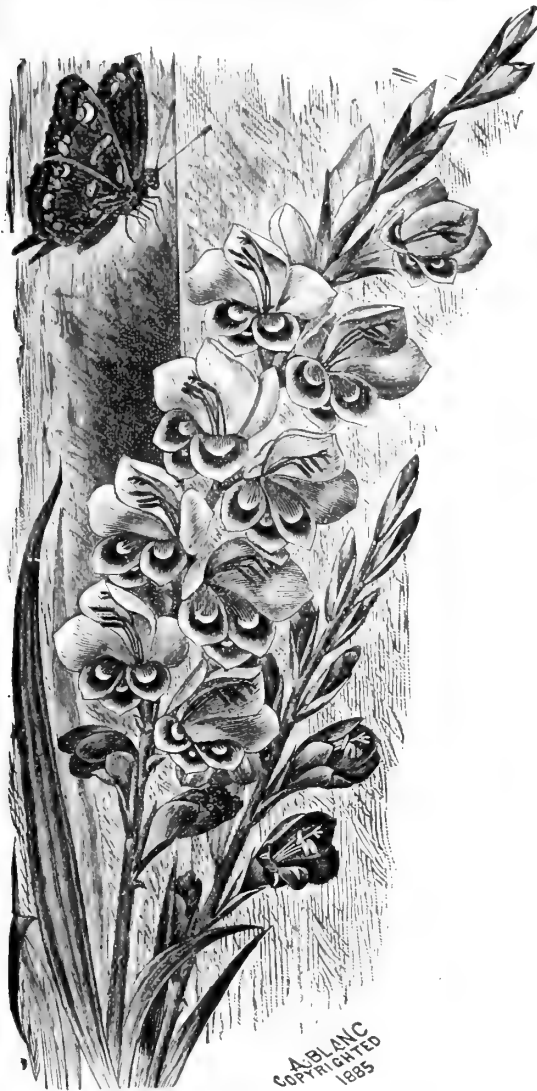
	Each	Doz.	100
Reds of various shades.....	4c	25c	\$1.50
Light and White .....	5c	40c	2.50
Pink of various shades.....	5c	40c	2.25
Striped and variegated .....	5c	40c	2.25
Yellow Shades .....	5c	45c	3.00
Mixed, all colors .....	4c	25c	1.50

**Century Vine.** Also called "Mexican Morning Glory." A wonderful quick grower, quite frequently making as much as thirty-five feet of vine in one season. It is very easily grown and produces large size blossoms of rosy crimson color, shaded violet or blue, which in a shaded situation remain open all day. Not hardy, but the roots can be taken up in the fall and kept over winter like a dahlia. Mammoth roots, each 50c; postpaid. First size roots, each 30c postpaid.

***Lilies.***

**ALBUM SPECIOSUM.** Pure white, with petals reflexed and slightly tinted pink at the tips; perfectly hardy and altogether one of the finest; 20c each; postpaid, 25c.

**AURATUM.** (Gold-Banded Lily of Japan.) Decidedly the most beautiful of all lilies; the immense white flowers, with crimson spots and golden bands through the center of each petal, are produced in the greatest profusion, and are deliciously fragrant; 20c, each postpaid, 25c.

*Gladiolus*

**RUBRUM.** Rose and white spotted with crimson; very beautiful free-blooming and distinct variety; 20c each; postpaid, 25c.

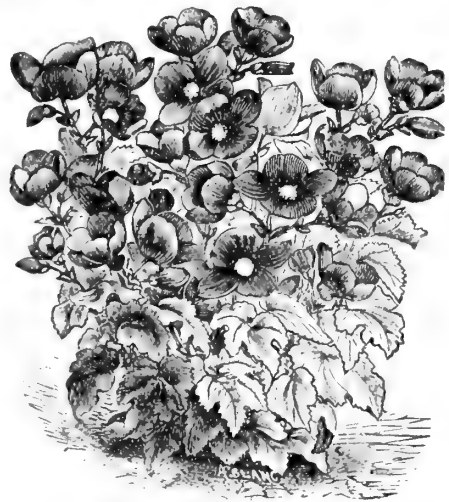
**TIGRINUM fl. pl.** (Double Tiger Lily.) Very hardy and free-blooming, with beautiful orange flowers, spotted with black; 15c each; postpaid, 20c.

***Madeira Vine.***

Tuberous rooted climber with glossy green leaves, and delightfully fragrant, white blossoms; of very rapid growth, and from new tubers vines will be produced sufficient to cover one side of a cottage in a single season; 2 for 5c; doz. 30c; postpaid, doz., 35c.

***Single Tuberous Begonias.***

The Tuberous Rooted Begonias are among the most beautiful and desirable of all bulbous plants. For bedding in quantity, and when planted in partial shade and protected from severe storms will give great satisfaction. Single mixed, all colors, 7c each; 4 for 25c; dozen, 70c, postpaid.

*Single Tuberous Begonias.*

**Cannas.**

Varieties marked with a \* we can furnish in roots and plants, the rest in plants only.

Price: Large dry roots, 2 for 15 cts; doz. 75 cts; (postpaid each, 10c, doz. \$1. Growing plants, 2, for 25 cts; doz., \$1; (postpaid each, 15 cts; doz., \$1.50.)

**\*ITALIA.** Remarkable for its sturdy rank growth, forming massive clumps, 6 to 7 feet high, covered from the ground up with large, deep green Musa-like foliage. The flowers set well above foliage, are of a bright orange-scarlet with a very broad golden-yellow border, the petals are very broad, with slightly reflexed edges, hence the close resemblance of the flowers to some of the orchid family.

**ALEMANNIA.** Six feet, green foliage. The Giant of all Cannas. Produces the largest flowers which have been obtained from any Canna. The outer petals are scarlet with a very broad, golden-yellow border.

**\*BURBANK.** The gigantic flowers are of a pure canary yellow, with but a few traces of small reddish brown spots.

**\*QUEEN CHARLOTTE.** Three and one-half ft. crimson scarlet, with wide gold border on every petal, broad green leaves.

**\*ALPHONSE BOUVIER.** Six feet—bright crimson flowers of very large size. Green foliage; a very luxuriant grower.

**\*FLORENCE VAUGHAN.** 4½ feet—color brilliant yellow, spotted with bright red; conceded by all to be the finest yellow-spotted Canna.

**CHARLES HENDERSON.** 3½ feet—color bright crimson, center of the flower marked with golden pencilings.



*New Giant Canna  
"Italia."*

**MADAM CROZY.** 4 feet—flowers a dazzling crimson scarlet, bordered with golden yellow; the plant is of vigorous growth, yet dwarf in habit.

**\*PAUL MARQUANT.** 4 feet—a vigorous grower, foliage a deep green, strong flower spike; large flowers of a deep salmon color, smoothly shaded orange, a profuse bloomer and an excellent grower.

**\*EGANDALE.** 4 feet—a most excellent variety with bronze foliage and soft currant-red flowers which are thrown well above the foliage, the finest bedding Canna of its color.

**\*CHICAGO.** 4 feet—best vermilion scarlet to date; green foliage, an exceedingly free bloomer and strong grower, a very showy variety.

**\*STELLA KANST.** 5 feet—green foliage, flowers apricot; fine for massing.

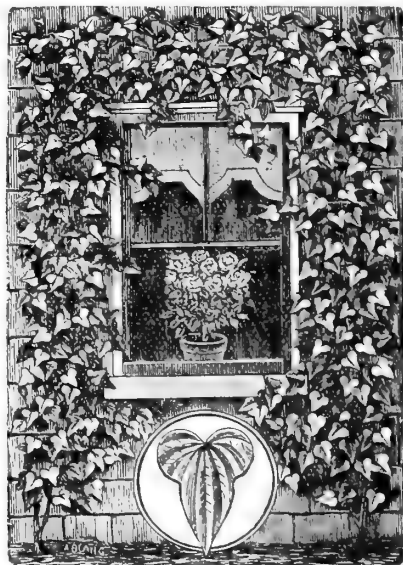
**PRESIDENT CARNOT.** 5 feet—dark foliage, flowers deep scarlet.

***Hyacinthus Candicans.***

A fine bulbous plant producing in July and August a flower stem 3 to 4 feet high, covered with from 20 to 30 pure white pendant, bell-shaped flowers. It is hardy in most sections of the country; but north of this it would be better to protect it with leaves or long manure. 10c each; two for 15c.

***Beautiful, Fragrant Cinnamon Vine.***

**THE CINNAMON VINE.** From the Oriental land, is one of the most charming of climbers, and will quickly surround your arbor, window or veranda with a wonderful profusion of vines covered with handsome, glossy, heart-shaped leaves and sweet scented flowers, making it a perfect bower of beauty. **PERFECTLY HARDY**—thriving everywhere, and once planted will grow for many years. The vines often run 25 to 40 feet. Beautiful, hardy, entrancingly fragrant. Grows in shade or sun—wet or dry. No insects ever trouble—no winter harms. Once planted will grow a lifetime. Large roots 8c each; 3 for 20c; doz., 75c; postpaid.



*Cinnamon Vine: if planted once will last a lifetime.*

**Amaryllis.**

**A. EQUESTRE.** The flowers open out very flat and are nodding, instead of being in the form of most Amaryllis. They are five or more inches across; bright, sparkling, orange red, with a most beautiful green and white star in the center. Each, 15c; prepaid, 20c.

**A. BELLADONNA MAJOR.** A noble flower from the Cape of Good Hope. The flowers appear in the fall and are a most beautiful satiny rose imaginable, and of exquisite fragrance. They are produced in umbles of six to twelve flowers in a cluster. Large bulbs, each 20c; prepaid, 25c.

**A. JOHNSONI.** The flowers of this magnificent variety are large and of fine crimson color, striped with white. Large bulbs, each, 30c; prepaid, 40c.

**Tuberoses.**

The Tuberose is a justly universal favorite, and grown so easily that every garden should have a plentiful supply. Outside planting should not be done before April.

**EXCELSIOR**

**PEARL.** Very sturdy and dwarf in habit; flower large and double. Each 5c; doz., 35c; by mail, 40c.

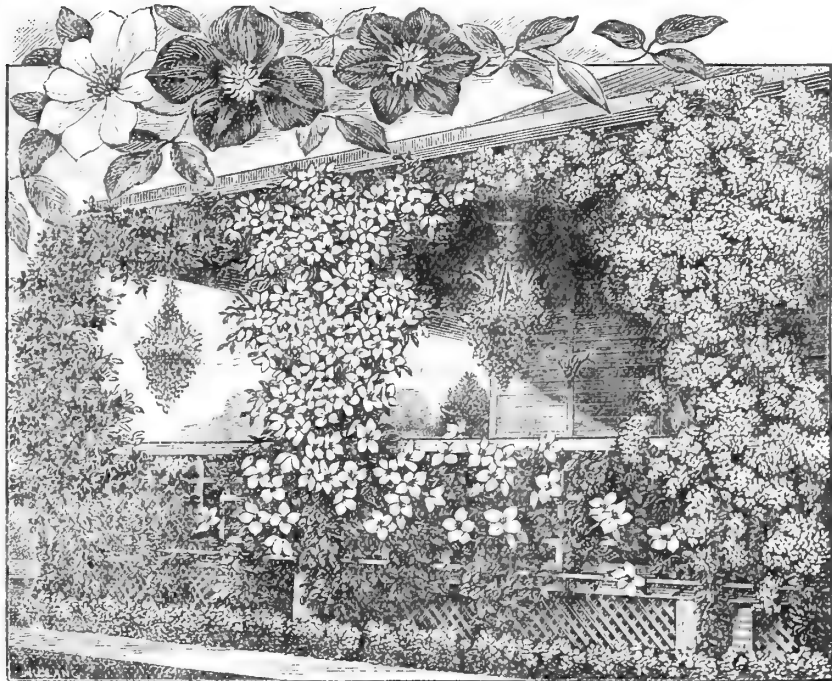
*Tuberose.**Amaryllis Johnsoni.***Clematis.**

For house fronts or pillar vines, nothing can surpass the Clematis in grandeur and beauty.

The roots are perfectly hardy although the tops die down to the ground every fall. In planting the roots the ground should be dug very deep.

**JACKMANNI.** Probably the most beautiful climber in cultivation, with rich deep, velvety purple flowers; a very strong and healthy grower. Three year old roots, each 75c; postpaid, 90c.

**HENRYI.** A strong grower; flowers from four to five inches in diameter and pure white; very hardy. Three year old roots, each, 65c; postpaid, 80c.

*Clematis Jackmanni.**Clematis Henryi.**Clematis Paniculata.*

**PANICULATA.** This is a valuable Japanese introduction, one of the finest additions to our list of hardy climbers; a very strong, vigorous plant, and as easily grown as the common Honeysuckle. Each, 35c; postpaid, 40c.



## DAHLIAS.



*A. D. Livoni.*



*A Group of Dahlias.*

### PRICES FOR THE BELOW NAMED VARIETIES:

Strong Field Grown Roots, Full clumps, each, 20c; postpaid, 30c.

**A. D. LIVONI.** Clear, soft pink; beautiful form; quilled petals; an early, profuse and continuous bloomer.

**QUEEN OF YELLOWS.** Large; pure canary yellow; fine form; full to the center and very profuse.

**PAUL'S SCARLET.** Bright, rich scarlet; flowers of fine form, a good grower and free bloomer.

**WHITE SWAN.** Pure white; of fine form with long stems.

**MISS MAY LOMAS.** Large; delicate rosy lavender. A magnificent flower.

**NERO.** Dark crimson-maroon; flowers of full round form; a profuse bloomer on long stems.

**LEIBERHEIMER.** Crimson, tipped white, a very profuse bloomer.

**ELEGANS.** Rosy purple, tipped and striped white; quilled petals.

**UNCERTAINTY.** Varies from white marveled blush and carmine to solid crimson-maroon on the same plant with intermediate variations.

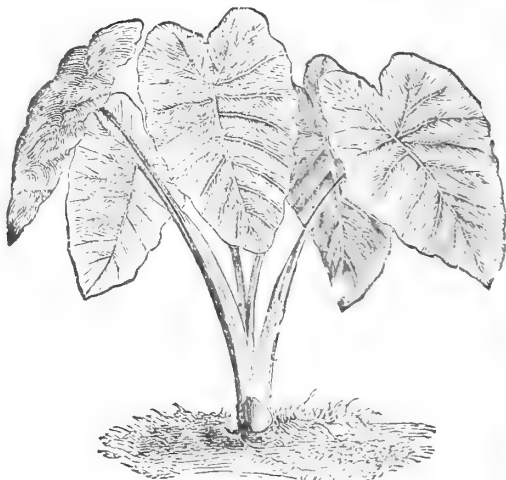
**ELEGANTA.** (Dwarf.) Soft pink, tipped deep pink.

**SNOWCLAD.** (Dwarf.) The finest white pompon to date; an early and extremely profuse bloomer.

**MISS LOU KRAMER.** (Dwarf.) Base of petals yellow, heavily tipped clear, bright crimson overlaid pink; very fine.

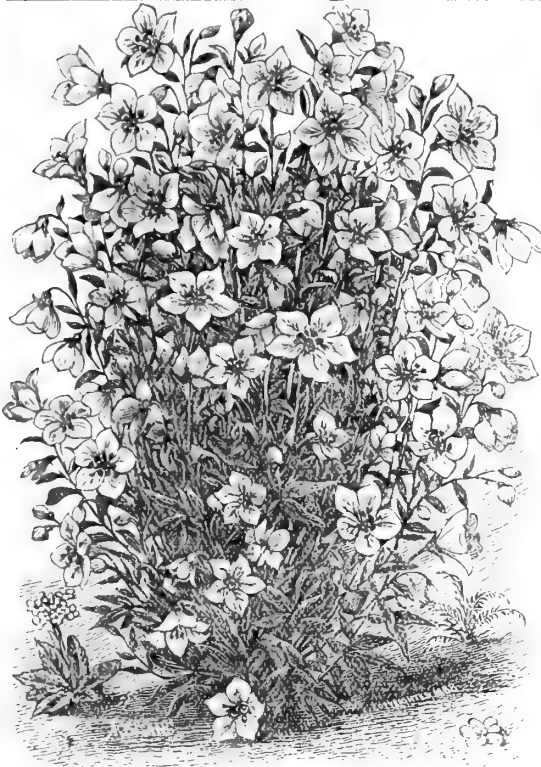
### Summer Flowering Oxalis.

These useful little plants are very effective in masses or beds and are particularly valuable for edgings. They produce an unbroken row of foliage and showy flowers. Mixed, per doz., 10c; 100 for 50c.



*Caladium Esculentum.*

**CALADIUM ESCULENTUM.** (Elephant's Ear.) One of the most effective plants in cultivation for the flower border or for planting out upon the lawn; its large handsome leaves often growing three feet long and twenty inches wide. It will grow in any good garden soil, and is of easiest culture. Before planting, dig up the bed rather deep, and put in plenty of fresh warm manure. Each, 25c; extra large bulbs, 40c; postpaid.

*Platycodon. (Chinese Bell Flower.)***Hardy Perennial Plants.**

"These are planted once and they are always there."  
**ACQUILEGIAS (Columbine.)** A beautiful plant for the border or rockery; flowers often three inches in diameter; height of plant two feet. Large field clumps, each 20c.

**\*CHRYSANTHEMUM MAXIMUM.** Flowers three to four inches across, pure white with yellow centers. Each, 15c.

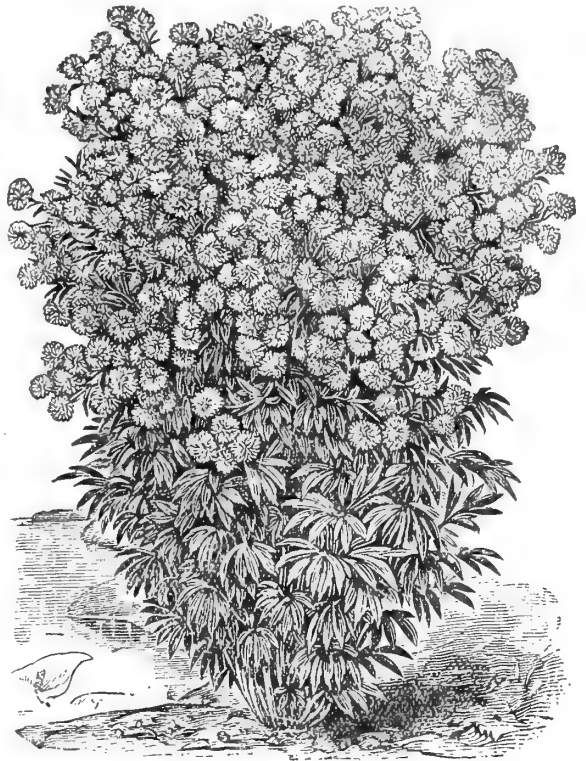
**DELPHINIUM FORMOSUM (Larkspur.)** The best known of all the Larkspurs, blooming in long trusses of deep blue flowers with white eye. Nothing is more attractive than the large beds of this seen in many old gardens throughout the country. Each, 20c.

**PLATYCODON GRANDIFLORA (Chinese Bell Flower.)** Blooms constantly from June until late in September; flowers large bell-shaped, white and blue; will do well in any ordinary garden soil. Perfectly hardy, making a dense branching bush two or three feet high. Each, 15c; two for 25c.

**HOLLYHOCKS.** An old-fashioned plant coming into general use again. For planting in masses, by itself, or as a back-ground, the Hollyhock plant cannot be dispensed with. Each, 15c.

**PHLOX.** These we consider the most desirable of hardy perennials. They thrive in any ordinary rich soil, and the ease with which they are cultivated, their entire hardiness, and the extended season of blooming, make them particularly valuable for garden planting. To prolong the season of blooming, the flowers should be cut off when they commence to wilt down. Field grown clumps in separate colors, each, 15c.

**RUDBECKIA (Golden Glow.)** Decidedly one of the brightest and most showy among the hardy plants. It grows five to seven feet tall with broad heads of yellow flowers, two and three inches in diameter increases in beauty every year. Strong field roots, each, 25c.

*Rudbeckia. (Golden Glow.)*

**Our Nasturtiums and  
Sweet Peas are Strictly  
Up-to-date.**

*Hardy Phlox.*

## Roses.

### CRIMSON RAMBLER.

This wonderful Rose is the most remarkable and unlooked for novelty in hardy Roses introduced in many years. It begins to flower about the middle of June, and remains in flower longer than any other hardy out-door rose. It blooms in large clusters, with from 50 to 100 in a cluster, covering the vine its entire length with a solid mass of the most beautiful and perfectly shaped miniature crimson blossoms. Any description would fail to give an adequate idea of its beauty. When in full bloom it is a vivid crimson mass of beauty. Grown as a pot plant on a trellis it is extremely valuable.

No yard or garden in the land should be without Crimson Rambler. Crimson Rambler is perfectly hardy and is also a strong, robust grower, making it suitable for all purposes where a rose can be grown.

**PRICE:** Large, 2 year old, dormant plants, by express (this is the best size to give good satisfaction, and we shall not offer pot plants), each, 35c; 3 for \$1.00; not prepaid. We guarantee these plants.

### Hardy Hybrid Perpetuals.

A collection of the most free flowering and strongest growing varieties.

**CULTURE:** If you want to have your rose bushes live, set the plants in strong heavy soil (common clay soil is very good) well mixed with manure. When planting, care should be taken to set plants deeply, planting them at least two inches above the first joints or branches and pounding the soil firmly around the roots. Cut the plants back to 6, 8 or 10 inches and keep the dead wood removed.

**ALFRED COLOMB.** Color, bright carmine crimson; very double and full; one of the very best dark colored sorts.

**COQUETTE DES ALPS.** One the best white roses of its class; fine form, pure white with beautiful shell shaped petals.

**HERMOSA.** Always in bloom and always beautiful; the color is a most pleasing shade of pink.

**LA FRANCE.** Undoubtedly the most perfect type of a cut flower rose. Delicate silvery rose, shaded with pink; it flowers continually throughout the season. Each 30c.

**MAGNA CHARTA.** A splendid rose; very double and sweet. Color a beautiful bright pink, suffused with violet crimson.

**PAUL NEYRON.** The largest flowered in cultivation and one of the most prolific bloomers; the color is a deep, shining pink.

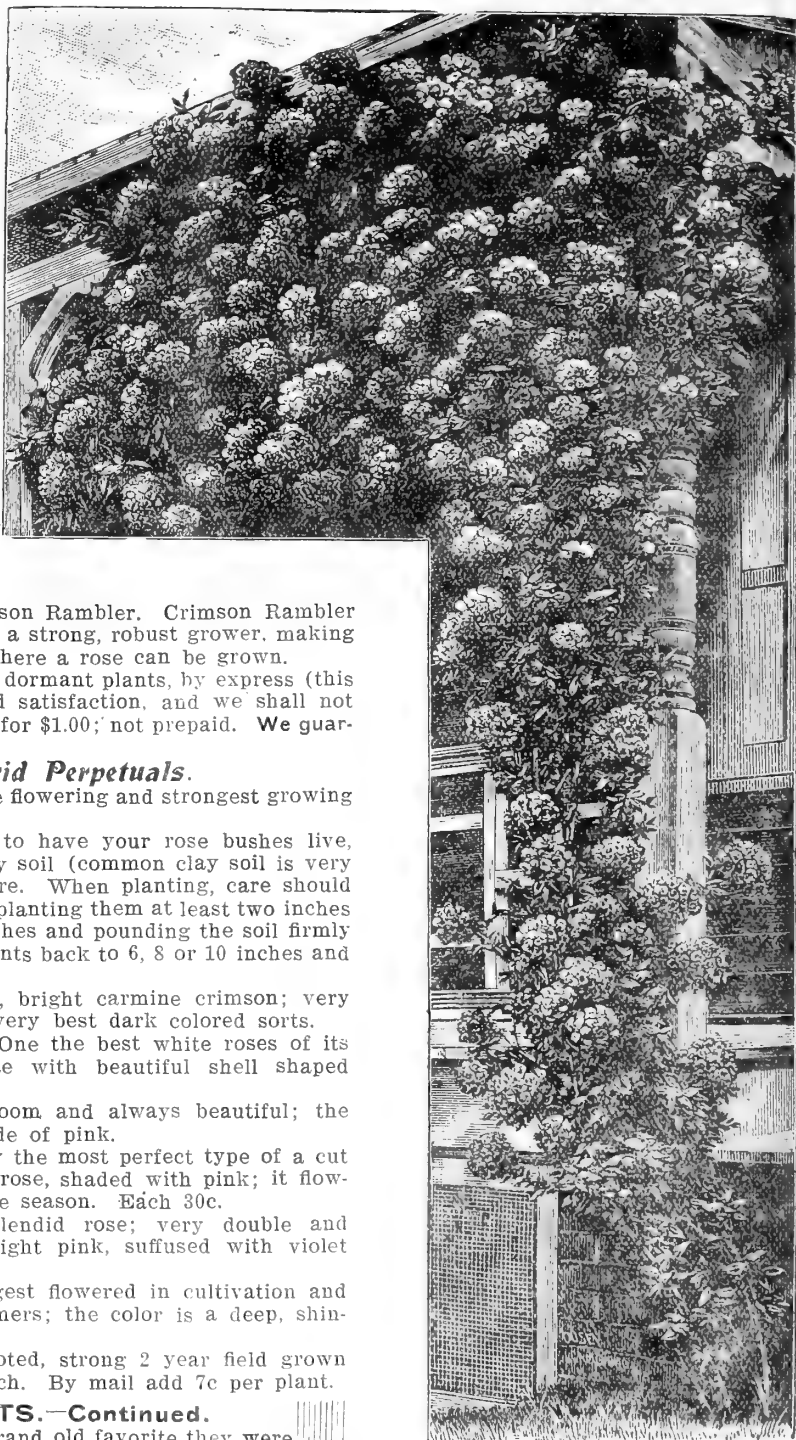
**PRICE.** Except where noted, strong 2 year field grown dormant plants. Only 25c each. By mail add 7c per plant.

### HARDY PLANTS.—Continued.

**PAEONIES.** Still the grand old favorite they were fifty years ago, rivaling the rose in perfection of bloom and coloring. We can offer the following colors: White, pink and red. Each, 25c.

**PINKS.** (Hardy Garden or May.) Valuable dwarf hardy plants, that will grow anywhere, and increase in beauty every year. Field grown clumps. Price, each, 15c; 12 for \$1.50.

**RUDBECKIA NEWMANII.** Dwarf grower; large single yellow flowers, with black center; blooms from July until frost. Each, 15c; two for 25c.



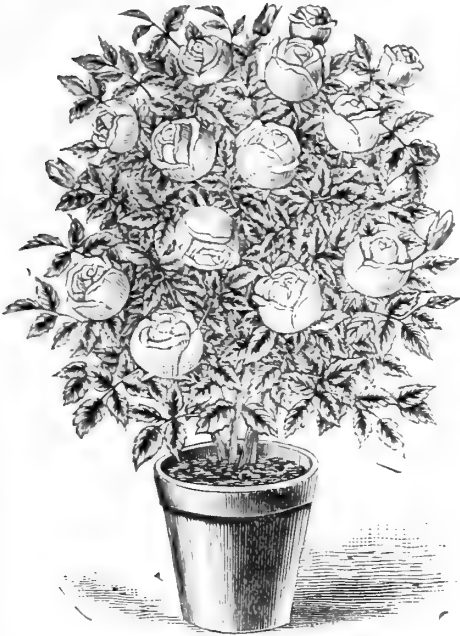
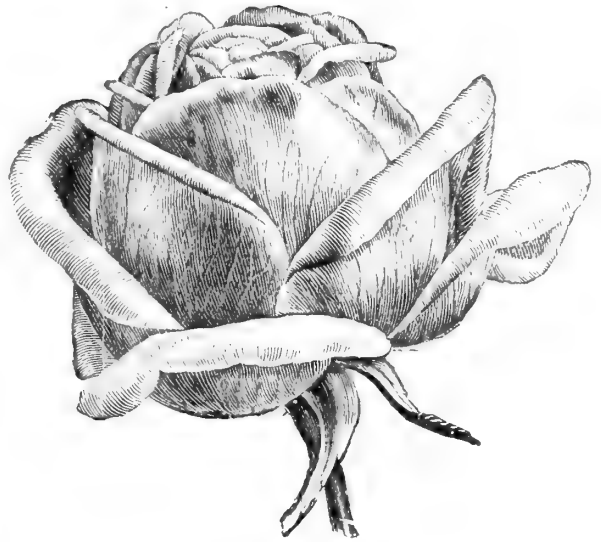
*Crimson Rambler.*

Did you notice our assortment of

**DAHLIAS**  
THEY ARE BEAUTIES!

**COLLECTION OF EVERBLOOMING ROSES.**

Each 10c; per doz. \$1.00 (all in 2½ inch pots).

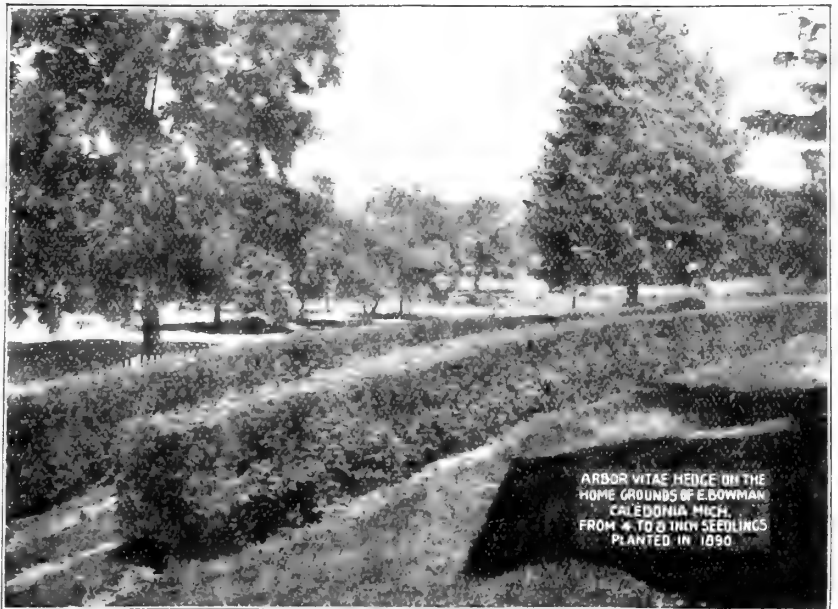
*Yellow Souper***BRIDE.** Most popular pure white rose.**BRIDESMAID.** A delightful shade of bright pink; the most popular pink Tea Rose.**CHAMPION OF THE WORLD.** A rich, deep, rosy pink, darker and richer than Hermosa; of perfect shape, both in bud and blossom.**CLOTILDE SOUPERT.** The most famous pot and bedding rose; its charming color, pearly white to purest rose and delightful fragrance makes it a most beautiful rose.**DEVONIENSIS.** Creamy white, delicately flushed in the center with pink; a very fragrant rose.*Champion of the World.***ETOILE DE LYON.** One of the most beautiful yellow tea rose for general planting; very hardy.**FRANCISKA KRUEGER.** Unlike any other rose; a beautiful coppery yellow; large flowers.**GRUSS AN TEPLITZ.** A very beautiful red.**MAMAN COCHET.** One of the very best Tea Roses for out-door blooming; deep rosy pink, the inner side of petals silvery rose.**MARIE GUILLOT.** Color pure white; sometimes tinted pale yellow; large and double to the center; best Tea Rose for out-door bedding.**QUEEN'S SCARLET.** Bright crimson scarlet flowers; a profuse bloomer; fine for beds.**YELLOW SOUPERT.** (Mosella.) A splendid pot and bedding rose; the color is a white tint on beautiful light yellow ground.

**Photographic**  
**View of**  
**Evergreen Hedge**  
 (Arbor Vitae.)

You can have a hedge 200 feet long, and as nice as this one at a total cost of \$2.00 to \$2.50.

200—1 to 1½ foot trees, delivered anywhere for only \$2.50. Or 200 ¾ to 1 foot trees, delivered anywhere for only \$2.

An illustrated pamphlet of Planting Instructions will be sent free to every one who accepts this special offer. This little pamphlet will be of great value to many heretofore unsuccessful planter, and by following the instruction given there need be no failures.



ARBOR VITAE HEDGE ON THE  
 HOME GROUNDS OF E. BOWMAN  
 CALEDONIA MICH.  
 FROM 4 TO 3 INCH SEEDLINGS  
 PLANTED IN 1890



## Hardy Ornamental Shrubs.

All Shrubs offered below are Two and Three Years Old, Transplanted and Range from 2 to 3½ feet high.

**ALTHEA.** (Rose of Sharon.) Produces its large Camellia-like flowers from mid-summer until frost when few other shrubs are in bloom. Double White, each 45c; double Pink, 45c.

**ALMONDS.** Very desirable for early flowering shrubs. White and Rose, each, 45c.

**CALYCANTHUS.** (Strawberry Shrub.) A handsome shrub; flowers purple with an exquisite strawberry fragrance. Each, 45c.

**DEUTZIA.** Early spring flowering shrub with long, graceful spikes of white flowers from every bud or eye; handsome lawn shrub.

— **PRIDE OF ROCHESTER.** Large white flowers. Each, 40c.

## PHILADELPHUS. (Mock Orange.)

Vigorous growing shrubs with fine pure white flowers and bright handsome foliage.

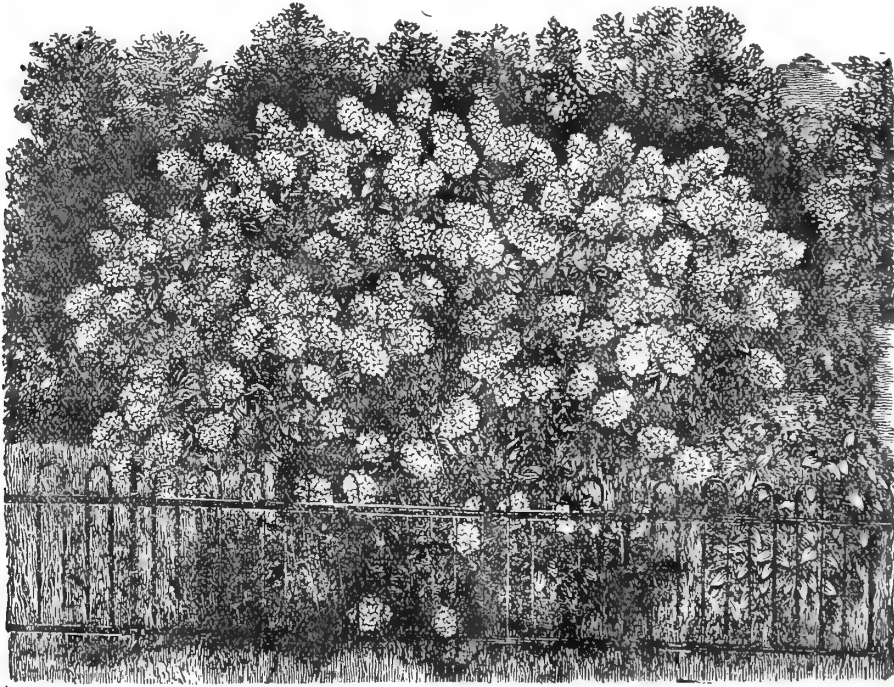
— **CORONARIUS**, sweet scented, white flowers. Blooms last of May. Each, 40c.

**VIBURNUM STERILIS.** (Common Snowball.) Well known to everyone. Each, 30c.

**WEIGELIA.** Beautiful shrubs that bloom in June and July; very desirable for the border or for grouping.

— **ROSEA**, rose colored flowers. Each, 40c.

— **CANDIDA**, flowers pure white; one of the most free blooming of all Weigelias. Each, 40c.



*Hydrangea Paniculata Grandiflora.*

WE CARRY A FULL LINE OF  
**RAFFIA,** Natural and Colored,  
and **RATTAN,** for Indian Basket Work.

## HYDRANGEA PANICULATA GRANDIFLORA.

Without question one of the most popular and grandest shrub that can be had. Blooms profusely from July until frost, in immense white panicles, often measuring 10 to 12 inches, gradually changing to rose color. The plant should be cut back each spring fully one-half of the past season's growth, as the flowers are much finer if the plant is treated in this manner. Large plants; each, 50c.

**LILACS.** These are too well known to need description.

— **White.** Each, 35c.

— **Purple.** Each, 35c.

— **Purple Persian.** Each, 40c.

## SPIRAEAS.

— **Van Houttei.** One of the most beautiful of all shrubs; pure snow-white flowers, borne in elegant plume-shaped clusters. Large plants. Each, 40c.

— **Prunifolia.** (Bridal Wreath.) Equally pretty like above; blooms in May, with pure white double flowers. Each, 40c.

— **Anthony Waterer.** A dwarf bush about two feet high, covered from spring to late in the fall with large heads of crimson flowers; grand for border to taller growing shrubs. Fine plants. Each, 40c.

## Hardy Climbing Plants.

**AMPELOPSIS VEITCHII** (Boston Ivy.) One of the finest climbers for covering walls, as it clings firmly to the smoothest surface, covering it smoothly with overlapping foliage. Large plants. (2 feet), each, 25c.

**QUINQUEFOLIA** (Virginia Creeper.) A native vine with handsome foliage turning to bright crimson in the fall. Each, 15c.

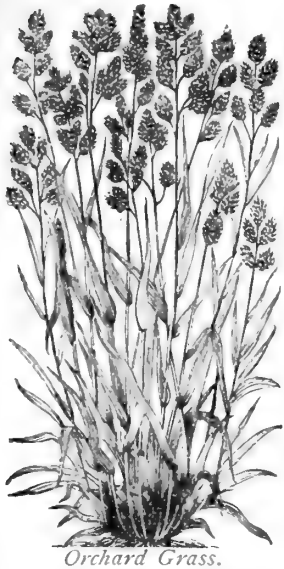
**HONEYSUCKLE.** Sweet scented monthly. This is one of the most satisfactory of Honeysuckles. Each, 25c.

**MISCELLANENUS FARM SEEDS.**

**BROMUS INERMIS (Brome Grass.)** Most valuable grass for dry lands. It endures extremes of temperature and resists protracted drought, succeeding where alfalfa fails. It grows best in light sandy loam, but its roots will penetrate the stiffest clays. It is equally good for cutting, green pasturing or cutting into hay. Cut when first coming into bloom. It may be sown in the autumn with winter wheat, or in early spring. Sow about 25 pounds per acre. Price per lb., 12c. (Ask for prices on larger lots.)

**ALFALFA OR LUCERNE CLOVER.** The demand for this great forage plant has increased wonderfully throughout all the Southern and Western states.

To get the best satisfactory results, great care must be taken to have a good stand. To do this, have the land heavily surface-manured and then plow deep and harrow afterwards. Then sow the seed either broadcast or in drills, twelve inches apart, at the rate of 20 to 25 lbs. to the acre. If sown late in April, the first blossoms will show about the 10th of July, and a few days thereafter, the foliage of the young Alfalfa, not over 6 inches high, will turn yellow. This is a sign the first crop must be harvested and removed. Sowing can also be done in late summer, but in our locality it is not advisable to sow later than first part of September. In reference to the seed being sown by itself or with other grains, a majority of growers suggest sowing the seed by itself. Alfalfa thrives best on a sandy loam, the richer the better, while it has not proved a success on heavy, compact, clay soil.



Orchard Grass.

But let nobody make an experiment with Alfalfa and hope to avoid failure, unless he is willing to give as much labor to it the first year in the way of weeding and hoeing, as to an onion patch. For the first few weeks, Alfalfa is a delicate plant and is easily overgrown and smothered; after the first year, it resists the adverse influences of heat and drought and the invasion of grass and weeds. (Bu. 60 lbs.)

**BERMUDA GRASS.** Largely grown in the South, with an average yield of about four tons per acre. It is a tender, delicate grass, growing over and binding the most arid and loose land. Grows luxuriantly in any soil; very valuable for pasture and excellent for saving hill sides which are liable to wash. The seed is very difficult to obtain. Time of sowing, April to June. Sow about 3 lbs. per acre. Per lb., \$1.00, postpaid. lb. lots, 85c per b.

**KENTUCKY BLUE GRASS.** (*Poa Pratensis*.) Also known as June and Meadow Grass. (Bu. 14 lbs.) Extra cleaned, 1 lb., 15c; prepaid, 25c. Fancy cleaned, 1 lb., 20c; prepaid, 30c.

**ORCHARD GRASS.** (*Dactylis Glomerata*.) Adapted for sowing under trees in orchards, and excellent for haying and grazing. 2½ feet high. 2 bushels to the acre. (Bu. 14 lbs.)

**TIMOTHY.** (*Phleum Pratense*.) The best for hay. (Bu. 45 lbs.) Sow ¼ bu. to the acre.

**ENGLISH BLUE GRASS OR MEADOW FESCUE.** (*Festuca Pratensis*.) Will stand more freezing than most other varieties. Grows 2 to 3 feet high, but never in large tufts like orchard grass; especially suitable for permanent pasture. (Bu. 24 lbs.)

**GERMAN OR GOLDEN MILLET.** Height 3 to 5 feet, large spikey heads, ¾ bushel to the acre. (Bu. 50 lbs.)

**COMMON MILLET.** Good hay 2½ to 4 feet high, sow ¾ bushel to the acre. (Bu. 50 lbs.)

**ALSIKE OR SWEDISH CLOVER.** (*Trifolium Hybridum*.) Almost equal in nutritive value to the Red or Pea Vine Clover; perennial. (60 lbs. bushel.)

**RED CLOVER MEDIUM.** (*Trifolium Pratense*.) Market price. (Bu. 60 lbs.)

**WHITE CLOVER.** (*Trifolium Repens*.) Should be introduced in all mixtures, for permanent pastures. Fancy cleaned for lawn purposes, 30c lb. (Bu. 60 lbs.)

**DWARF ESSEX RAPE.** Dwarf Essex Rape is considered indispensable by the sheep and cattle farmers of Great Britain, and is fast coming into use in this country; it is easily grown, and perfectly hardy and possesses remarkable fattening properties. One acre will pasture thirty-six head for two months. It grows to a height of three feet. In northern states it can be sown at any time from May until the end of August, but in the southern states it should not be sown until September or October for winter pasture. Any corn soil will grow rape, and it does well sown with oats. Rape is especially adapted for a catch crop, succeeding well when for any cause crops have failed, as it makes its growth late in the season, can be sown on stubble, and will furnish excellent pasturage when much needed in the fall. If sown in drills or rows two feet apart, use at the rate of 4 to 5 lbs. per acre, and when sown broadcast, use 8 to 10 lbs. to the acre. 1 lb. 20c, postpaid. Write for prices on larger quantities.



Dwarf Essex Rape.

**COW PEAS.** *Write for Market Prices on all Field Seeds.*

A highly valuable fodder and fertilizing crop. The pods may be harvested for the grain and the plants plowed under to fertilize the soil. The stalk and leaves also make excellent fodder, fed green. Do not sow until the soil has become thoroughly warm.—Market price.

**SOJA BEANS.** *Write for Market Prices on all Field Seeds.*

This valuable forage plant is one of the most nutritious of all vegetable products. For pasturing or feeding as a green fodder it is very valuable and nearly equal to clover for fertilizing. Sow one half bushel per acre broadcast or one gallon in drills 3½ feet apart and 1½ feet between the plants.—Market price.

**KAFFIR CORN.** *Write for Market Prices on all Field Seeds.*

It grows from four to five feet high, making a straight upright growth. It has a stalky stem with numerous wide leaves. The stalks keep green and are brittle and juicy, not hardening like other varieties of sorghum, making excellent fodder, either green or dried, which is highly relished by cattle, horses and mules. For the grain, sow in rows three feet apart, three to five lbs. to the acre; for the fodder sow ½ bu. to the acre, either broadcast or drills. Lb., 5c; bu., 50 lbs.), market price.

**SUGAR CANE.** *Write for Market Prices on all Field Seeds.*

**EARLY AMBER.** A variety of sugar cane which has been largely tested for fodder as well as for sugar-making; 10 to 12 feet high. Lb., 5c; (bu. 50 lbs.); market price.

**EARLY ORANGE.** A well known variety, well adapted to the South and West. It is from 8 to 10 days later than Early Amber. Lb., 5c; (bu., 50 lbs.); market price.

**BUCKWHEAT.** *Write for Market Prices on all Field Seeds.*

**JAPANESE.** The most productive and the most profitable variety to raise. It will yield fully twice as much on the same ground as any other, and ripens a week or ten days earlier. (Bu. 50 lbs.); lb., 5c.

**COMMON.** The variety usually sown for bees. (Bu. 50 lbs.) Lb., 5c.

*Kaffir Corn.*

**TEOSINTE.** A Most Valuable and Enormous Yielding Continuous Cutting Forage Crop. If a sufficient quantity is sown it will furnish a continuous daily supply of most nutritious green food for horses and all kinds of cattle all through the summer; it also makes splendid dry fodder. In appearance it somewhat resembles Indian Corn, but the leaves are much larger and broader, and the stalks contain sweeter sap. Extract from the statement of the experiment station of the State Agricultural College: "This valuable forage plant produces from 20 to 50 or more full-sized stalks from each seed, causing the rows to spread until they reach each other, so forming an impenetrable thicket. The yield per acre on an average for three years was 23.9 tons per acre." Plant in rows 3 feet apart and thin out to 1 foot in the row; about 2 pounds to an acre. The field of Teosinte as shown in the photograph was planted June 19th and cut September 19th, and yielded 38 shocks on 1-6 of an acre cut 4 rows one way; the shocks were as large and some larger than corn cut 16 rows each way. ¼ lb., 30c; 1 lb., \$1.00.

Write For **Market Prices** On all Field Seeds, Seed Potatoes, Etc., Etc.  
ALWAYS GLAD TO MAKE YOU PRICES.

## FIELD CORN.

**PRIDE OF THE NORTH.** (90 days) The earliest corn grown, a 90 day yellow Dent. Planted as late as July 4th, it has fully matured by October 1st. The kernels are closely set together on the cob and stalks usually grow 6 to 8 feet in height, producing one or two good ears. Qt., 10c;  $\frac{1}{4}$  bu., 35c; 1 bu., \$1.00.

**LEAMING.** (90 days. One of the earliest yellow Dent corns in cultivation. The ears are of good size and handsome, with deep large grains, stalks medium size, generally producing two good ears each. Qt., 10c;  $\frac{1}{4}$  bu., 35c; bu., \$1.00.

**IOWA GOLD MINE.** (95 days.) A handsome early corn, ripening a few days after Pride of the North; ears are of good size, very even and uniform in shape, cob small, with very deep grains of a bright golden color, which dry out very quickly as soon as ripe. The best of the medium early Corn for quality and cropping powers. Qt., 10c;  $\frac{1}{4}$  bu., 35c; 1 bu., \$1.00.

**GOLDEN BEAUTY.** (110 days.) Ears 12 to 14 rows of bright golden yellow grains, remarkable in size and filled out completely to the extreme end of the cob. Qt., 10c;  $\frac{1}{4}$  bu., 35c; bu., \$1.00.

**CHAMPION WHITE PEARL.** (100 days.) Stalk short and thick. The grains are pure white, deep and heavy, highly recommended. Qt., 10c;  $\frac{1}{4}$  bu., 35c; bu., \$1.00.

**IOWA SILVER MINE.** (100 days.) The ears measure from 10 to 12 inches in length and often weigh  $1\frac{1}{2}$  lbs. They are very uniform in size and shape, with 16 to 20 straight rows of deep, pure white kernels on a small white cob. Qt., 10c;  $\frac{1}{4}$  bu., 35c; bu., \$1.00.

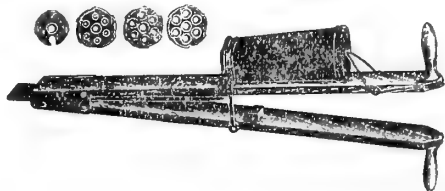
**CALICO DENT.** Known as "Bloody Butcher." Kernels yellow, striped and blotched with red. Much liked by many western farmers who find it very prolific. We have a selection of it which has been very carefully grown and selected in Northern Ohio and it will be found very prolific and desirable for early feed. Qt., 10c; pk., 25c; bu., \$1.00.

## Oats.

Prices are subject to variation without notice.

**GOLDEN GIANT CLUSTER.** Its strong straw adapts it to rich bottom land, where common oats will fall down and waste. The heads are compact and often measure over 11 inches in length. The grain is heavy, large and plump, with very thin hull.  $\frac{1}{4}$  bu., 20c; 1 bu., 60c.

**RED RUST PROOF OATS.** Very early, rust proof, does well on thin ground and does not lodge if grown on rich ground, will bear neglect or a bad season and still make a crop. Will weigh over 40 lbs., per bushel.  $\frac{1}{4}$  bu., 20c; 1 bu., 60c.



**ECLIPSE CORN PLANTER.** Arranged to use four disks or wheels. Price, \$1.25.

NOTE:—Prices are subject to variation without notice.

TERMS:—Cash with order.

## Potatoes.

WRITE FOR PRICES.

We commence shipping as soon as danger of frost is over, but will ship when requested at any time when customers wish to take their own risk.

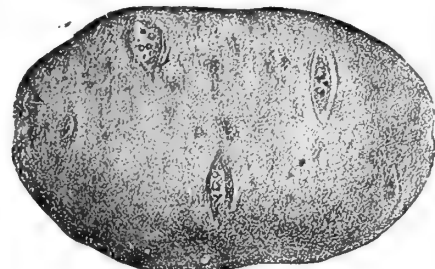


**Concave Potato-Knife.**

Very useful for cutting the eyes out of potatoes, without cracking the tubers or injuring the germs. Endorsed by potato planters 30c each, prepaid; 6 for \$1.50.

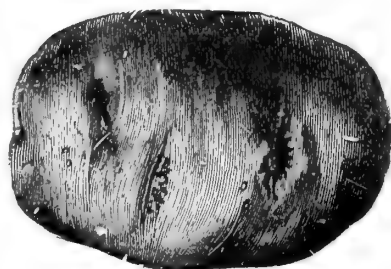
**PEERLESS.** Somewhat oblong in shape, very uniform and handsome; flesh pure and white, very popular variety. Per pk., 30c; per bu., \$1.10.

**MICHIGAN EARLY ROSE.** Ours is the true stock, which is all that need be said of this truly a good keeper. Per pk., 25c; per bu., 90c.



*Early Rose.*

**EARLY OHIO.** (Red River Stock.) Our stock of this popular variety is remarkably choice, having been selected with the greatest care. For market purposes it has no superior in point of earliness, yield and quality. Per pk., 30c; per bu., \$1.00



*Early Ohio.*

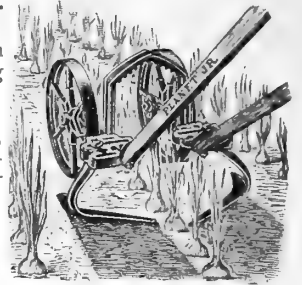


**Planet Jr. No. 15 Double Wheel Hoe, Cultivator and Plow. (No Rakes.)**

This is the prime favorite among the older pattern "Planet Jrs." It is particularly rigid and strong—Price, \$7.00.

**DOUBLE WHEEL HOE No. 13.**

This tool is like above, with 6-in hoes only, these being the tools that are most generally useful. Any or all of the other tools may be added anytime. Price, \$4.75.

*For Late Hoeing.*

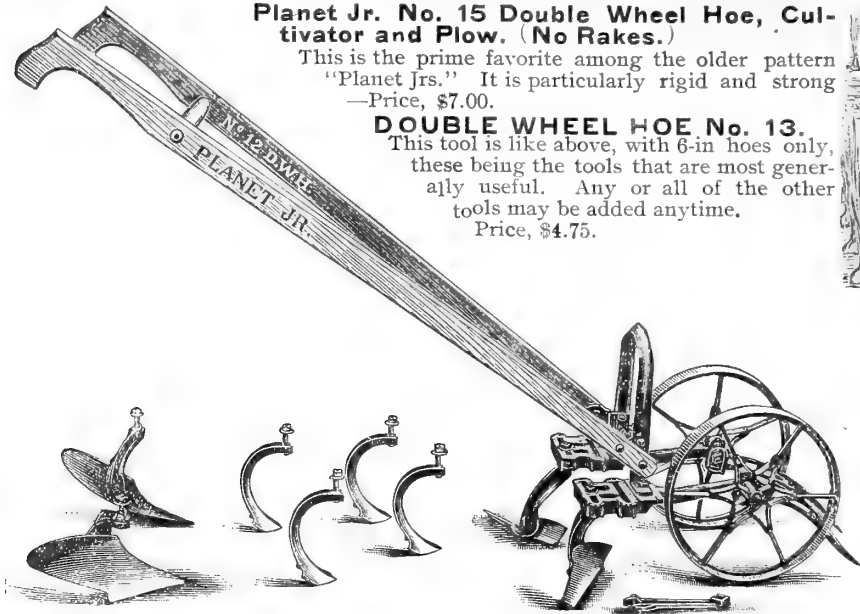
**"Planet  
Jr."**

**[Garden]**

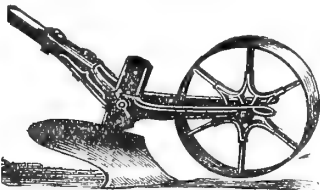
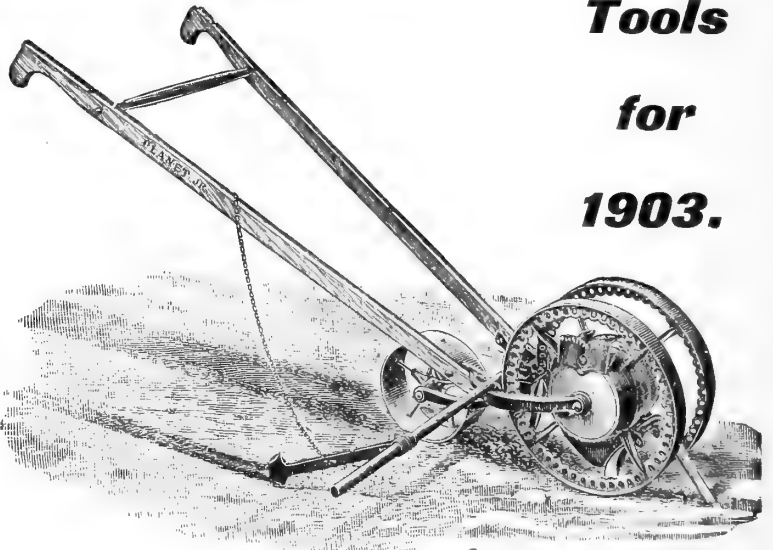
**Tools**

**for**

**1903.**

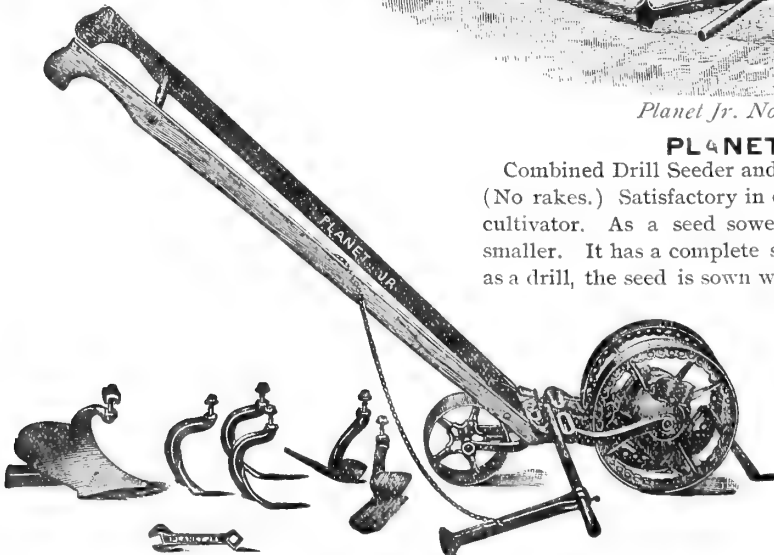
*Planet Jr. No. 12 Double Wheel Hoe, Cultivator and Plow.***PLANET JR. No. 2 DRILL.**

□ As a seed drill, pure and simple, it has a large sale. The sowing cylinder holds three quarts. It sows in an even regular stream, whether there is much or little in the Hopper. It can be set to run deep or shallow, and the seeds are deposited in a very narrow line. Price, 7.50.

*"Fire Fly" Garden Plow, \$2.35.**Planet Jr. No. 2 Drill.***PLANET JR., NO. 1.**

Combined Drill Seeder and Wheel Hoe, Cultivator and Plow. (No rakes.) Satisfactory in every way, both as a drill and as a cultivator. As a seed sower it is the same as No. 2 Drill, but smaller. It has a complete set of cultivating tools; when used as a drill, the seed is sown with great regularity, and an opening plow puts it in a very straight and narrow line and at uniform depth. The hopper holds three pints. Price, \$9.50.

A pair of 6-tooth rakes supplied when specially ordered. Price, 50c.

*Planet Jr., No. 1.*

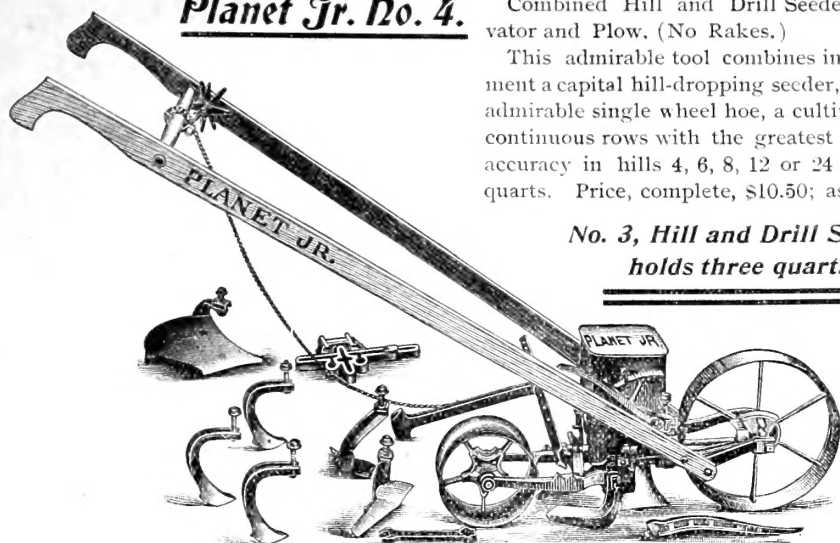
**Write for Catalogue.**

**Planet Jr. No. 4.**

Combined Hill and Drill Seeder, Single Wheel Hoe, Cultivator and Plow. (No Rakes.)

This admirable tool combines in a single convenient implement a capital hill-dropping seeder, a continuous row seeder, an admirable single wheel hoe, a cultivator and a plow. It sows in continuous rows with the greatest uniformity, and drops with accuracy in hills 4, 6, 8, 12 or 24 inches apart. It holds two quarts. Price, complete, \$10.50; as drill only, \$8.50.

**No. 3, Hill and Drill Seeder, no attachments, holds three quarts. Price \$10.50.**



*Planet Jr. No. 4.*

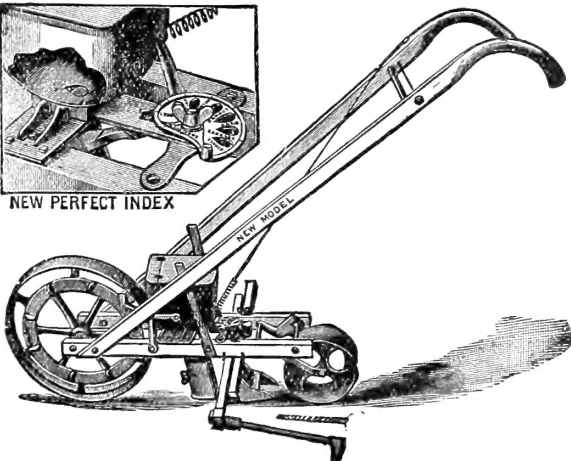
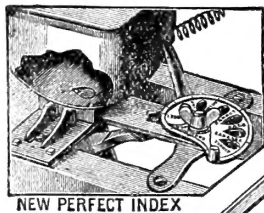
**Iron Age  
Garden Tools  
for 1903.**

## The Keystone Weeder.

The "Keystone Weeder" is the only weeder that is adjustable to any depth or width. It has no shafts that will hinder working close to the fence. It will not clog; the long, curved, spring teeth are so placed and shaped that clogging is impossible. Twelve to fifteen acres can be covered in a day. It requires but one horse, and a boy can handle it. The teeth will not break. Price, \$9.

### **New Model Seed Drill.**

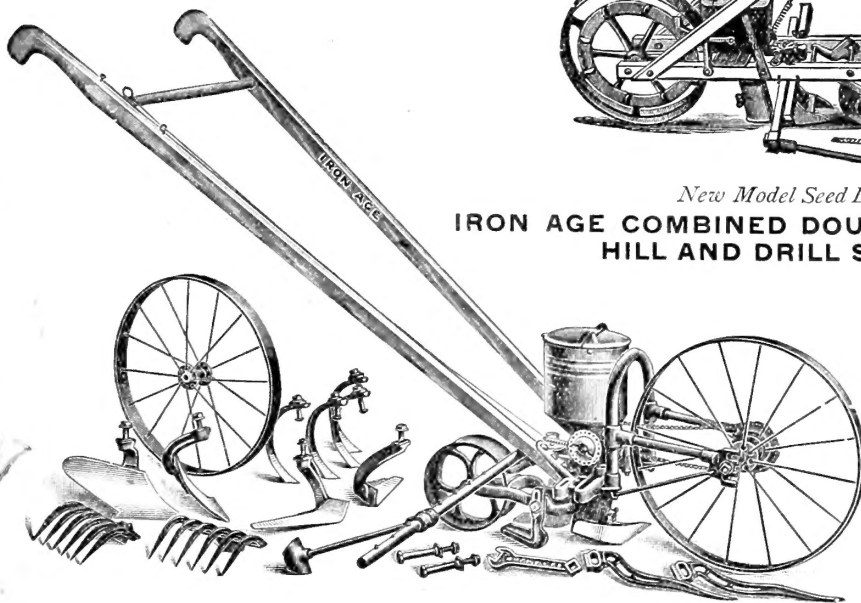
Considered to be the best seed drill in use. It sows all garden seeds accurately and at any desired thickness or depth in the most perfect and desirable manner; it is remarkable for simplicity and perfection of work; in short it is rightly called the latest and best. Price, \$7.00.



*New Model Seed Drill, \$7.00.*

### **IRON AGE COMBINED DOUBLE WHEEL HOE, HILL AND DRILL SEEDER.**

This tool is similar in construction to the combined Wheel Hoe and Seed Drill, but besides drilling it will drop in hills at 4, 6, 8, 12 or 24 inches apart all the small seeds varying in size from celery to corn. It can be changed instantly to drop from hills to drills or vice versa. It is clog proof. Price, \$10.50.

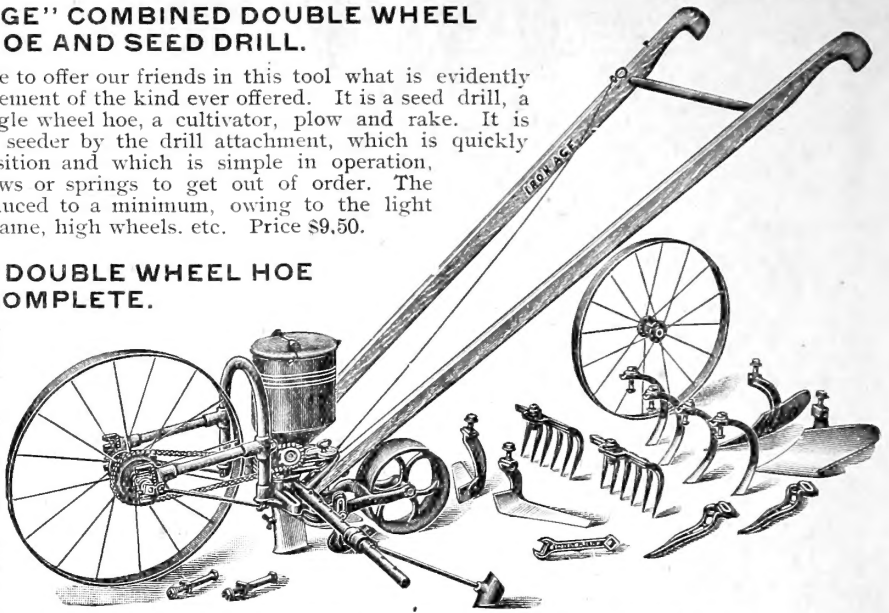


## THE "IRON AGE" COMBINED DOUBLE WHEEL HOE AND SEED DRILL.

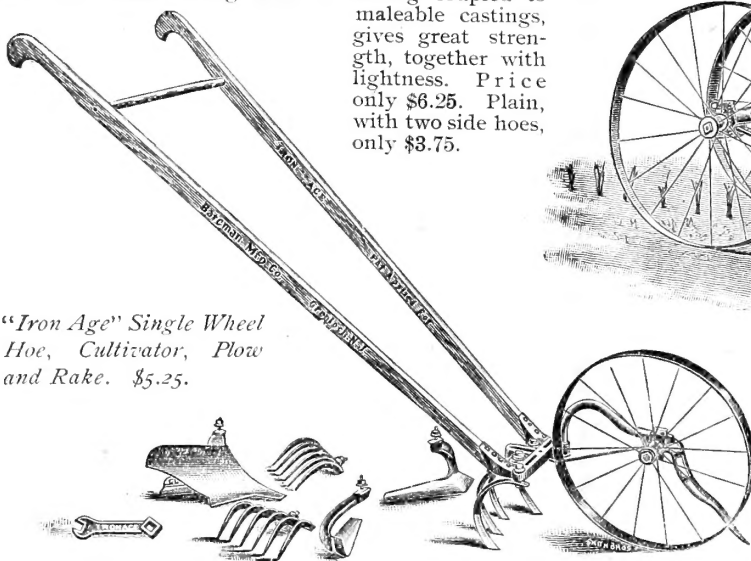
We are glad to be able to offer our friends in this tool what is evidently the most complete implement of the kind ever offered. It is a seed drill, a double wheel hoe, a single wheel hoe, a cultivator, plow and rake. It is converted into a perfect seeder by the drill attachment, which is quickly and easily placed in position and which is simple in operation, having no gearing, screws or springs to get out of order. The labor of operation is reduced to a minimum, owing to the light weight of the tubular frame, high wheels, etc. Price \$9.50.

### "IRON AGE" DOUBLE WHEEL HOE COMPLETE.

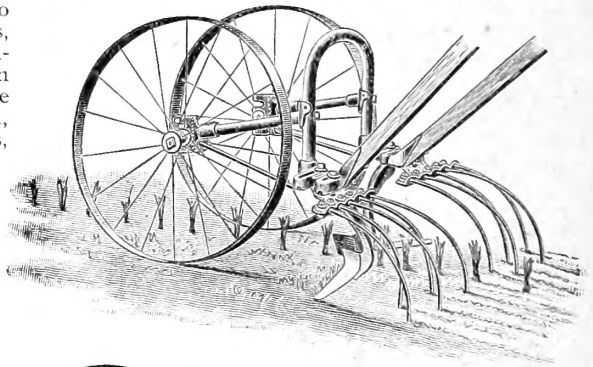
One great advantage which this double wheel hoe possesses is that it can be made into a practical single wheel hoe in a moment's time. An axle is sent with each double wheel hoe for this purpose. The wheels are sixteen inches high, enabling the wheel hoe to run easy and without yielding to the depressions of the soil as a low wheel will do. The frame being made of tubing coupled to maleable castings, gives great strength, together with lightness. Price only \$6.25. Plain, with two side hoes, only \$3.75.



The "Iron Age" Combined Double Wheel Hoe and Seed Drill, \$9 50.



"Iron Age" Single Wheel Hoe, Cultivator, Plow and Rake. \$5.25.



Double Wheel Hoe with Weeder Attachment. Price of Weeder Attachment, per pair, \$1.00.

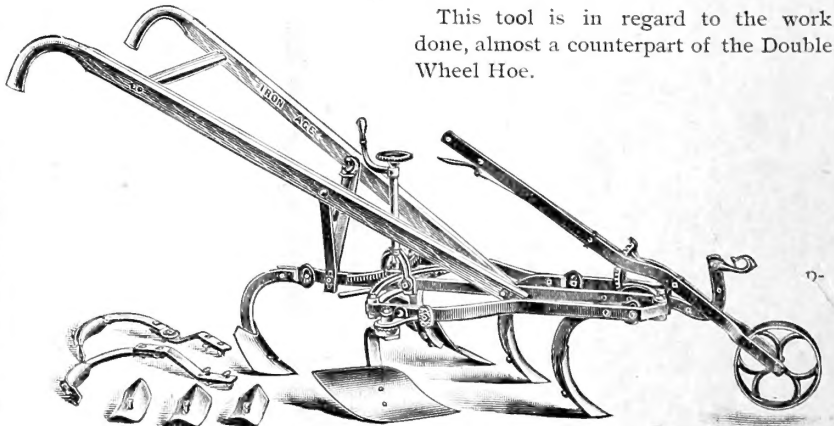
The "Iron Age" Single Wheel Hoe, Cultivator, Plow and Rake. \$5.25.

### The No. 7 "Iron Age" Horse Hoe and Cultivator.

In our No. 7, "Iron Age" Horse Hoe and Cultivator we offer to the public a device, which without question is the best expander yet introduced. The tool is at all times rigid, this being attained almost as easily and quickly as is the case in an ordinary expander.

Price as in cut, \$8.75.

Without furrow closing attachment, \$7.50.



This tool is in regard to the work done, almost a counterpart of the Double Wheel Hoe.



## Sulpho Tobacco Soap. (PATENTED.)

To grow healthy plants and beautiful flowers, use Sulpho-Tobacco Soap. A superior, inexpensive, invaluable insecticide and Fertilizer, giving new life to plants. Non-injurious to the tenderest growth; absolutely safe and convenient to handle. Kills all insects in the Window-Garden. Unsurpassed for rose bushes. For domestic purposes, it is valuable as an exterminator of moths, cockroaches, carpet bugs, and is a superior wash for dogs and all animals. Relieves horses and cows from the torment of flies. Prevents poultry lice. Every insect will succumb to this insecticide. Send for a trial cake, the cost is trifling. 3-oz cake 10c, 8 oz cake 20c.

## LIGHTNING INSECT EXTERMINATORS.

Every household will have one when they know its value. It is adapted for all kinds of purposes, either for plants in the open field or house plants, shrubs, trees and etc., for spraying walls infected with insects, roosts of poultry houses, etc., etc.

No. 1—Made of heavy tin—Each 50c. (See cut).

No. 2—With a brass reservoir, and the entire machine copper plated and highly polished—Each \$1.00.

No. 10—Made with galvanized reservoir—Each 60c.

No. 20—Encased Glass (See cut). Each 75c.

No. 23—Made only of plain galvanized iron, with large reservoir—Each 75c.



## PRUNING SHEARS. [Henkel's].

Three different sizes, \$1.00 each.  
Pruning shears common, 50c each.



Sprinkler Scollay's.....\$1.00  
Medium 75c.

Scollay's Putty Distributor, price \$100.

Trowels, Steel, 6 inch 30c, 8 inch 35c.  
Common 25c.

Dibber, for transplanting, steel point 30c, postpaid 40c.

## Lightning Compressed Air Sprayer,

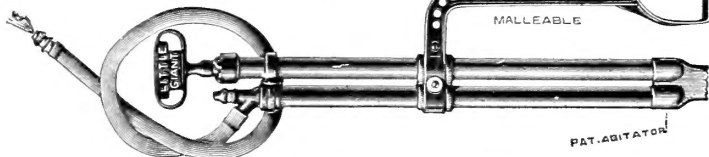
This sprayer is made of heavy galvanized iron and holds nearly four gallons of liquid. The pump is made on the outside and the air is forced through the inside valve. It is also provided with a safety valve which prevents over pressure, so that when the air is forced in the safety valve will blow off, after it reaches its proper degree of pressure. This sprayer is provided with two nozzels, one for spraying tall trees and the other for shrubbery. After the air is pumped into the Lightning Compressed Air Sprayer there is no more labor required. It will spray ten acres of potatoes in a few hours, as it covers two or three rows at a time. The illustration shows one of the many kinds of work for which the Lightning Compressed Air Sprayer is adapted. Price, each \$5.00.

## THE BLIZZARD SPRAYER.

The handiest and easiest working sprayer made for spraying tobacco, potatoes, poultry houses, whitewash, etc. It sells at sight

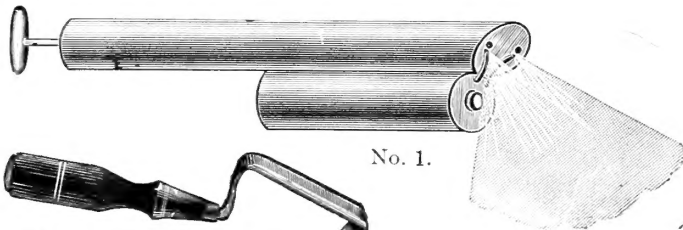
as evidenced by our experience last summer. Holds one gallon of mixture, and after pumping in a few strokes of air, works continuously. Will throw a spray or stream and is equipped with a stop cock which is so constructed that by reversing the key any sediment that may collect will be forced out, making it practically unclogable. No. 35 galvanized iron each.....

\$2 25



## LITTLE GIANT SPRAY PUMP.

Constructed entirely of brass; all labor is done on the downward stroke; provided with large air chamber and ball valves, so that the nozzle throws a continuous spray. Each \$3.50.



No. 1.

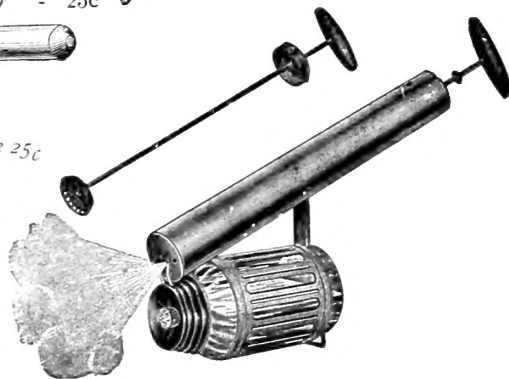
Weeder, Hazeltine, - 25c  
Lang's Weeder - - 25c  
Excelsior Weeder - 25c



Jackson Onion Hoe 25c



Mole Traps.  
Each, \$1.00



## INSECT DESTROYER.

No. 20.

Bordeaux Mixture—Prevents black rot, mildew and rust. Destroys fungus growth on vegetables. 1 quart can 50c.

London Purple—1 lb. to 200 or 300 gallons of water. ¼ lb. 15c, ½ lb. 25c, 1 lb. 45c.

Paris Green—1 lb. to 200 or 300 gallons of water. ¼ lb. 15c, ½ lb. 40c.

Persian Insect Powder—¼ lb. 20c, ½ lb. 30c.

Slug Shot (Hammond's)—5 lbs. 35c, 10 lbs. 65c.

Whale Oil Soap—Makes an excellent wash for trees and plants where insects and eggs effect the bark. ¼ lb. box 10c, ½ lb. box 15c.

Tobacco Dust—5 lbs. 25c, 100 lbs. \$3.00.

Grafting Wax—lb. bar 40c, if by mail add 10c per lb.

**TOMATO.**  
**Royal Red.**



**THE BEST ALL'ROUND TOMATO FOR THE HOME GARDEN.**

The fruit is of large size; fine form and appearance; round and regular; bright red color; flesh solid and of best quality; a favorite where ever used.

Pkt. 5c; oz. 25c; 1-4 lb. 75c.